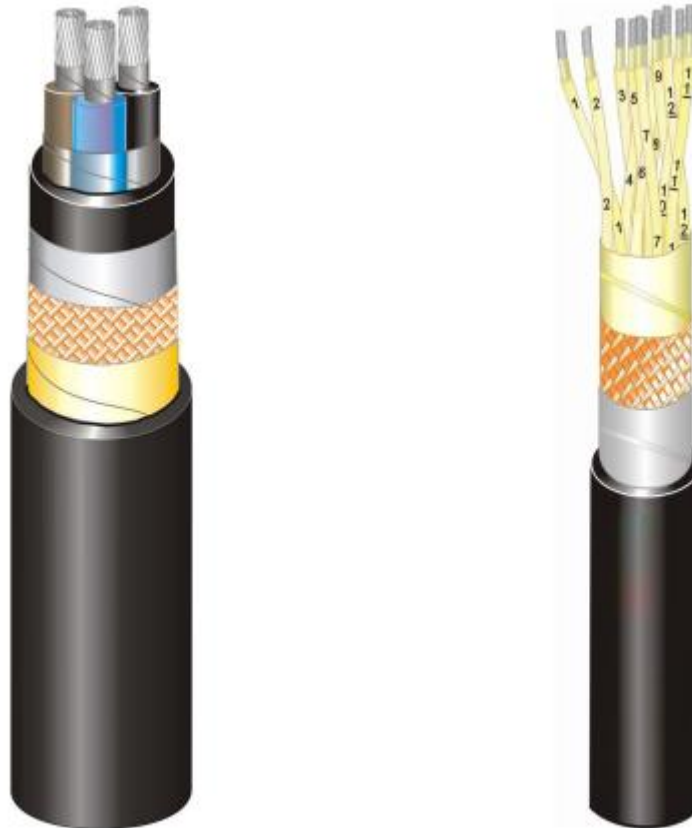




HI-SEA Shipboard Instrumentation & Communication Cable



HI-SEA MARINE EQUIPMENT IMPORT & EXPORT CO., LTD

15-1, JINSHAN MATRIX A, SAIDI RD., NEW NORTH ZONE, CHONGQING 401122, CHINA

Tel/Fax: +86-23-67956606/67956622

Mobil: +86-19922868020

E-mail: sales3@hiseamarine.com

Web: <https://en.hiseacable.com>

WhatsApp: +86-19922868020

Wechat: Alex-Tao19922868020

Content & Index

Insulation	Flame	Rated Voltage	Model	Page
XLPE	Flame retardant	150/250V	CHJPJ/SC series CHJPF/SC series CHJV/SA series	1~6
		150/250V	CHJPJP/SC series CHJPFP/SC series CHJVP/SA series	7~16
		150/250V	CHJ85/SC CHJ86/SC	17~19
		150/250V	CHJP85/SC CHJP86/SC	20~24
	Fire resistant	150/250V	CHJPJ/NC series CHJPF/NC series CHJV/NA series	25~30
		150/250V	CHJPJP/NC series CHJPFP/NC series CHJVP/NA series	31~40
		150/250V	CHJ85/NC CHJ86/NC	41~43
		150/250V	CHJP85/NC CHJP86/NC	44~48
EPR	Flame retardant	150/250V	CHEPJ/SC series CHEPF/SC series CHEV/SA series CHEF/SA series	49~54
		150/250V	CHEPJP/SC series CHEPFP/SC series CHEVP/SA series CHEFP/SA series	55~64
	Fire resistant	150/250V	CHEPJ/NC series CHEPF/NC series CHEV/NA series CHEF/NA series	65~70
		150/250V	CHEPJP/NC series CHEPFP/NC series CHEVP/NA series CHEFP/NA series	71~80

CHJPJ/SC Series,CHJPF/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable图例 **Example:****CHJPJ85/SC
7X2X0.75**

型号: **CHJPJ/SC**
 Type: **CHJPJ80/SC**
CHJPJ90/SC
CHJPJ85/SC
CHJPJ95/SC

CHJPF/SC
CHJPF80/SC
CHJPF90/SC
CHJPF86/SC
CHJPF96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJV/SA Series**150/250V**

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable

图例 **Example:****CHJV82/SA
7X2X0.75**

型号: **CHJV/SA**
 Type: **CHJV80/SA**
CHJV90/SA
CHJV82/SA
CHJV92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHJPJ/SC, CHJPF/SC Series

(CHJV/SA Series can also refer this table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	7.0	8.0	54	8.1	9.2	97	92	10.2	11.5	136	131
2x2 x 0.75	10.3	12.0	97	11.9	13.5	190	179	14.0	15.5	246	235
3x2 x 0.75	10.9	12.5	123	12.5	14.5	222	211	14.6	16.5	279	267
4x2 x 0.75	12.1	14.0	156	13.7	15.5	266	254	15.8	17.5	327	315
5x2 x 0.75	13.2	15.0	185	14.8	17.0	306	292	17.1	19.0	378	364
7x2 x 0.75	14.6	16.5	243	16.2	18.0	378	363	18.5	20.5	455	439
10x2 x 0.75	18.7	21.0	345	20.3	23.0	518	499	22.8	25.5	620	601
12x2 x 0.75	19.6	22.0	402	21.2	23.5	585	565	23.7	26.0	690	670
14x2 x 0.75	20.6	23.0	454	22.2	24.5	648	627	24.9	27.5	767	746
16x2 x 0.75	21.7	24.5	506	23.3	26.0	711	689	26.0	29.0	835	813
19x2 x 0.75	23.1	25.5	592	24.7	27.5	813	789	27.4	30.0	940	917
24x2 x 0.75	27.4	30.5	759	29.0	32.0	1023	995	31.9	35.0	1182	1154
27x2 x 0.75	28.0	31.0	830	29.6	32.5	1103	1074	32.5	35.5	1262	1234
30x2 x 0.75	29.0	32.5	905	30.6	34.0	1189	1160	33.7	37.0	1367	1338
33x2 x 0.75	30.4	33.5	996	32.5	36.0	1382	1340	35.6	39.0	1568	1526
37x2 x 0.75	31.6	35.0	1095	33.7	37.5	1499	1456	36.8	40.5	1688	1645
43x2 x 0.75	34.4	38.0	1267	36.5	40.5	1709	1663	39.8	43.5	1928	1882
48x2 x 0.75	36.5	40.5	1413	38.6	42.5	1885	1836	42.1	46.0	2131	2082
1x2 x 1.0	7.6	8.6	64	8.7	9.8	110	105	10.8	12.0	152	147
2x2 x 1.0	11.5	13.0	123	13.1	14.5	227	215	15.2	16.5	286	274
3x2 x 1.0	12.2	14.0	156	13.8	15.5	267	254	15.9	17.5	328	315
4x2 x 1.0	13.3	15.0	192	14.9	17.0	314	300	17.2	19.0	386	372
5x2 x 1.0	14.8	16.5	236	16.4	18.0	372	357	18.7	20.5	450	434
7x2 x 1.0	16.1	18.5	303	17.7	20.0	453	436	20.0	22.0	533	517
10x2 x 1.0	20.9	23.5	439	22.5	25.0	635	613	25.2	27.5	756	734
12x2 x 1.0	21.6	24.5	502	23.2	26.0	706	684	25.9	28.5	829	807
14x2 x 1.0	22.9	25.5	579	24.5	27.0	798	774	27.2	30.0	924	900
16x2 x 1.0	24.2	27.0	647	25.8	28.5	880	855	28.5	31.5	1011	986
19x2 x 1.0	25.7	28.5	756	27.3	30.0	1006	980	30.2	33.0	1155	1128
24x2 x 1.0	30.6	34.0	968	32.7	36.0	1355	1313	35.8	39.0	1544	1502
27x2 x 1.0	31.2	34.5	1060	33.3	36.5	1458	1415	36.4	39.5	1647	1604
30x2 x 1.0	32.4	36.0	1158	34.5	38.0	1573	1529	37.8	41.5	1783	1739
33x2 x 1.0	33.9	37.5	1273	36.0	39.5	1710	1664	39.3	43.0	1925	1879
37x2 x 1.0	35.2	39.0	1402	37.3	41.0	1860	1812	40.6	44.5	2078	2030
43x2 x 1.0	38.6	42.5	1641	40.7	44.5	2147	2095	44.2	48.0	2399	2346
48x2 x 1.0	40.9	45.0	1827	43.0	47.0	2367	2312	46.7	51.0	2649	2594

CHJPJ/SC, CHJPF/SC Series

(CHJV/SA Series can also refer this table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	8.2	9.6	78	9.3	10.5	128	122	11.4	13.0	172	166
2x2 x 1.5	12.4	14.0	149	14.0	15.5	261	248	16.1	18.0	324	311
3x2 x 1.5	13.2	15.0	194	14.8	16.5	315	301	17.1	19.0	387	373
4x2 x 1.5	14.7	16.5	248	16.3	18.0	384	369	18.6	20.5	461	446
5x2 x 1.5	16.1	18.0	297	17.7	20.0	447	430	20.0	22.0	528	512
7x2 x 1.5	17.8	20.0	395	19.4	21.5	563	545	21.9	24.0	658	640
10x2 x 1.5	23.1	25.5	570	24.7	27.0	790	766	27.4	30.0	918	894
12x2 x 1.5	23.9	26.5	655	25.5	28.0	886	861	28.2	31.0	1015	990
14x2 x 1.5	25.3	28.0	756	26.9	29.5	1003	977	29.8	32.5	1148	1122
16x2 x 1.5	26.7	29.5	847	28.3	31.5	1110	1083	31.2	34.0	1260	1232
19x2 x 1.5	28.4	31.5	991	30.0	33.0	1275	1246	32.9	36.0	1429	1400
24x2 x 1.5	33.7	37.0	1264	35.8	39.0	1699	1653	39.1	42.5	1912	1866
27x2 x 1.5	34.5	38.0	1390	36.6	40.0	1840	1793	39.9	43.5	2053	2006
30x2 x 1.5	35.9	39.5	1537	38.0	41.5	2009	1960	41.3	45.0	2225	2176
33x2 x 1.5	37.4	41.5	1671	39.5	43.5	2166	2115	43.0	47.0	2406	2355
37x2 x 1.5	39.0	43.0	1861	41.1	45.0	2383	2330	44.6	48.5	2626	2573
43x2 x 1.5	42.5	47.0	2153	44.6	49.0	2727	2669	48.3	52.5	3006	2948
48x2 x 1.5	45.1	49.5	2399	47.2	51.5	3013	2952	51.1	55.5	3324	3263
1x2 x 2.5	9.4	10.5	110	10.5	11.5	168	162	12.6	13.5	217	210
2x2 x 2.5	14.3	15.5	213	15.9	17.0	344	329	18.2	19.5	420	405
3x2 x 2.5	15.2	16.5	281	16.8	18.0	423	407	19.1	20.5	500	484
4x2 x 2.5	16.9	18.5	361	18.5	20.0	520	503	21.0	22.5	612	595
5x2 x 2.5	18.5	20.0	435	20.1	21.5	611	592	22.6	24.0	708	689
7x2 x 2.5	20.4	22.0	581	22.0	23.5	780	759	24.5	26.0	880	859
10x2 x 2.5	26.6	28.5	838	28.2	30.0	1100	1072	31.1	33.0	1249	1222
12x2 x 2.5	27.7	29.5	983	29.3	31.5	1261	1232	32.2	34.0	1410	1382
14x2 x 2.5	29.1	31.0	1120	30.7	33.0	1416	1386	33.8	36.0	1583	1554
16x2 x 2.5	31.0	33.0	1274	33.1	35.5	1680	1638	36.2	38.5	1857	1815
19x2 x 2.5	32.9	35.0	1492	35.0	37.5	1930	1885	38.3	40.5	2126	2081
24x2 x 2.5	39.0	41.5	1897	41.1	43.5	2421	2368	44.6	47.5	2662	2609
27x2 x 2.5	39.9	42.5	2093	42.0	44.5	2636	2582	45.5	48.0	2875	2821
30x2 x 2.5	41.6	44.5	2315	43.7	46.5	2887	2831	47.4	50.0	3151	3095
33x2 x 2.5	43.3	46.0	2522	45.4	48.0	3123	3064	49.1	52.0	3390	3331
37x2 x 2.5	45.2	48.0	2811	47.3	50.0	3447	3386	51.2	54.0	3739	3677
43x2 x 2.5	49.4	52.5	3275	51.5	54.5	3979	3913	55.6	59.0	4310	4243
48x2 x 2.5	52.4	55.5	3646	54.5	58.0	4401	4330	58.8	62.0	4769	4698

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/SC, CHJPF/SC Series

(CHJV/SA Series can also refer this table)

对数x3x截面积 No of triples x 3 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 0.75	7.4	8.4	67	8.5	9.6	112	107	10.6	12.0	153	148
2x3 x 0.75	11.6	13.0	131	13.2	15.0	236	224	15.3	17.0	296	284
3x3 x 0.75	12.3	14.0	169	13.9	15.5	282	269	16.0	17.5	342	329
4x3 x 0.75	13.5	15.5	209	15.1	17.0	333	319	17.4	19.5	406	392
5x3 x 0.75	15.0	17.0	257	16.6	18.5	396	380	18.9	21.0	474	458
7x3 x 0.75	16.3	18.5	332	17.9	20.0	485	468	20.2	22.5	565	548
10x3 x 0.75	21.2	24.0	481	22.8	25.5	681	659	25.5	28.5	802	780
12x3 x 0.75	22.2	24.5	563	23.8	26.5	775	753	26.5	29.0	898	875
14x3 x 0.75	23.3	26.0	638	24.9	27.5	863	839	27.6	30.5	988	965
16x3 x 0.75	24.8	27.5	725	26.4	29.0	966	941	29.3	32.0	1111	1086
19x3 x 0.75	26.2	29.0	836	27.8	30.5	1094	1068	30.7	33.5	1242	1215
24x3 x 0.75	31.1	34.5	1068	33.2	36.5	1465	1423	36.3	39.5	1653	1610
27x3 x 0.75	31.7	35.5	1172	33.8	37.5	1581	1537	36.9	40.5	1768	1724
30x3 x 0.75	33.1	36.5	1298	35.2	39.0	1728	1683	38.5	42.0	1935	1890
33x3 x 0.75	34.4	38.5	1410	36.5	40.5	1860	1813	39.8	44.0	2071	2024
37x3 x 0.75	36.0	40.0	1572	38.1	42.0	2047	1998	41.6	45.5	2281	2232
43x3 x 0.75	39.2	43.5	1818	41.3	45.5	2340	2286	44.8	49.0	2587	2534
48x3 x 0.75	41.6	46.0	2026	43.7	48.0	2584	2528	47.4	52.0	2862	2805
1x3 x 1.0	8.0	9.2	81	9.1	10.5	130	125	11.2	12.5	173	167
2x3 x 1.0	12.7	14.5	159	14.3	16.0	274	261	16.6	18.5	345	332
3x3 x 1.0	13.6	15.5	208	15.2	17.0	333	319	17.5	19.5	406	392
4x3 x 1.0	15.1	17.0	267	16.7	18.5	407	391	19.0	21.0	485	469
5x3 x 1.0	16.7	18.5	327	18.3	20.5	483	466	20.8	23.0	576	558
7x3 x 1.0	18.2	20.5	425	19.8	22.0	598	579	22.3	24.5	694	675
10x3 x 1.0	23.7	26.5	614	25.3	28.0	841	817	28.0	30.5	971	946
12x3 x 1.0	24.7	27.5	719	26.3	29.0	959	934	29.2	32.0	1103	1077
14x3 x 1.0	26.0	29.0	817	27.6	30.5	1073	1046	30.5	33.5	1219	1193
16x3 x 1.0	27.6	30.5	928	29.2	32.0	1202	1174	32.1	35.0	1354	1326
19x3 x 1.0	29.2	32.5	1073	30.8	34.0	1367	1338	33.9	37.0	1538	1508
24x3 x 1.0	34.6	38.5	1367	36.7	40.5	1817	1769	40.0	44.0	2032	1985
27x3 x 1.0	35.6	39.5	1521	37.7	41.5	1989	1941	41.0	45.0	2204	2156
30x3 x 1.0	36.9	41.0	1665	39.0	43.0	2154	2104	42.5	46.5	2391	2341
33x3 x 1.0	38.6	42.5	1828	40.7	44.5	2344	2291	44.2	48.0	2586	2534
37x3 x 1.0	40.1	44.5	2018	42.2	46.5	2559	2505	45.9	50.0	2825	2771
43x3 x 1.0	43.9	48.5	2356	46.0	50.5	2955	2896	49.7	54.0	3235	3176
48x3 x 1.0	46.6	51.0	2624	48.7	53.5	3266	3203	52.6	57.0	3579	3516

CHJPJ/SC, CHJPF/SC Series

(CHJV/SA Series can also refer this table)

对数x3x截面面积 No of triples x 3 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 1.5	8.9	10.0	104	10.0	11.5	159	153	12.1	13.5	206	200
2x3 x 1.5	14.1	16.0	205	15.7	17.5	334	319	18.0	20.0	409	395
3x3 x 1.5	15.0	17.0	270	16.6	18.5	410	394	18.9	20.5	487	471
4x3 x 1.5	16.6	18.5	346	18.2	20.0	502	485	20.7	22.5	593	576
5x3 x 1.5	18.2	20.5	417	19.8	22.0	590	571	22.3	24.5	686	667
7x3 x 1.5	20.1	22.5	557	21.7	24.0	752	731	24.2	26.5	852	831
10x3 x 1.5	26.2	29.0	803	27.8	30.5	1060	1033	30.7	33.5	1209	1182
12x3 x 1.5	27.1	30.0	929	28.7	31.5	1199	1172	31.6	34.5	1348	1320
14x3 x 1.5	28.7	31.5	1072	30.3	33.0	1362	1333	33.4	36.5	1530	1501
16x3 x 1.5	30.5	33.5	1219	32.6	35.5	1617	1575	35.7	39.0	1793	1752
19x3 x 1.5	32.2	35.5	1413	34.3	37.5	1839	1795	37.6	41.0	2034	1990
24x3 x 1.5	38.4	42.0	1815	40.5	44.5	2328	2276	44.0	48.0	2569	2517
27x3 x 1.5	39.3	43.0	2002	41.4	45.0	2534	2481	44.9	48.5	2773	2720
30x3 x 1.5	40.9	45.0	2214	43.0	47.0	2774	2718	46.7	50.5	3036	2980
33x3 x 1.5	42.6	47.0	2410	44.7	49.0	2998	2940	48.4	52.5	3265	3207
37x3 x 1.5	44.5	48.5	2687	46.6	51.0	3309	3249	50.5	55.0	3601	3541
43x3 x 1.5	48.4	53.5	3108	50.5	55.5	3793	3728	54.6	59.5	4123	4058
48x3 x 1.5	51.3	56.5	3460	53.4	58.5	4194	4125	57.5	62.5	4534	4464
1x3 x 2.5	10.0	11.0	145	11.1	12.0	208	201	13.2	13.0	257	251
2x3 x 2.5	16.0	17.5	286	17.6	19.0	434	418	19.9	21.5	516	499
3x3 x 2.5	17.2	18.5	394	18.8	20.5	557	540	21.3	23.0	650	632
4x3 x 2.5	18.9	20.5	500	20.5	22.0	683	663	23.0	24.5	779	759
5x3 x 2.5	21.0	22.5	617	22.6	24.5	822	801	25.3	27.0	936	914
7x3 x 2.5	23.1	25.0	829	24.7	26.5	1062	1038	27.4	29.0	1177	1154
10x3 x 2.5	30.3	32.5	1205	32.4	34.5	1600	1559	35.5	37.5	1776	1734
12x3 x 2.5	31.4	33.5	1402	33.5	35.5	1819	1776	36.6	39.0	1992	1949
14x3 x 2.5	33.2	35.5	1620	35.3	37.5	2067	2022	38.6	41.0	2259	2214
16x3 x 2.5	35.1	37.5	1825	37.2	39.5	2303	2255	40.5	43.0	2499	2452
19x3 x 2.5	37.3	40.0	2143	39.4	42.0	2660	2610	42.9	45.5	2876	2826
24x3 x 2.5	44.5	47.5	2740	46.6	49.5	3365	3305	50.5	53.5	3654	3594
27x3 x 2.5	45.4	48.5	3031	47.5	50.5	3680	3619	51.4	54.5	3963	3901
30x3 x 2.5	47.4	50.5	3354	49.5	52.5	4041	3977	53.4	56.5	4325	4261
33x3 x 2.5	49.5	52.5	3680	51.6	54.5	4406	4339	55.7	59.0	4718	4651
37x3 x 2.5	51.4	54.5	4078	53.5	56.5	4844	4775	57.6	61.0	5154	5084
43x3 x 2.5	56.2	59.5	4746	58.3	62.0	5597	5521	62.8	66.5	5975	5900
48x3 x 2.5	59.8	63.5	5312	61.9	65.5	6230	6150	66.4	70.0	6616	6536

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/SC Series,CHJPFP/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:****CHJPFP86/SC
7X3X1.5**

型号: **CHJJP/SC**
 Type: **CHJJP80/SC**
CHJJP90/SC
CHJJP85/SC
CHJJP95/SC

CHJPFP/SC
CHJPFP80/SC
CHJPFP90/SC
CHJPFP86/SC
CHJPFP96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 free flame retardant thermoplastic compound (SHF1) Halogen-
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄路线屏蔽 Tinned copper wire braided, or Alu/Ployester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 free flame retardant thermoplastic compound (SHF1) Halogen-
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJVP/SA Series**150/250V**

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable图例 **Example:****CHJVP92/SA
7X2X0.75**

型号: **CHJVP/SA**
 Type: **CHJVP80/SA**
CHJVP90/SA
CHJVP82/SA
CHJVP92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHJJP/SC, CHJFP/SC(Al-foil)

(CHJVP/SA Series can also refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJPJ/SC, CHJFPF/SC			CHJJPJ80/SC, CHJFPF80/SC CHJJPJ90/SC, CHJFPF90/SC				CHJJPJ85/SC, CHJFPF86/SC CHJJPJ95/SC, CHJFPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	7.3	8.4	60	8.4	9.4	104	99	10.5	11.5	146	141
2x2 x 0.75	11.7	13.0	120	13.3	15.0	225	213	15.4	17.0	286	273
3x2 x 0.75	12.4	14.0	151	14.0	15.5	264	251	16.1	18.0	326	313
4x2 x 0.75	13.6	15.5	186	15.2	17.0	310	296	17.5	19.5	384	370
5x2 x 0.75	15.1	17.0	228	16.7	18.5	366	351	19.0	21.0	446	430
7x2 x 0.75	16.6	18.5	298	18.2	20.5	452	435	20.7	23.0	545	528
10x2 x 0.75	21.4	24.0	422	23.0	25.5	621	599	25.7	28.5	746	724
12x2 x 0.75	22.3	25.0	492	23.9	26.5	702	679	26.6	29.0	828	806
14x2 x 0.75	23.4	26.0	554	25.0	27.5	776	752	27.7	30.5	907	883
16x2 x 0.75	24.9	27.5	630	26.5	29.5	867	842	29.4	32.5	1017	992
19x2 x 0.75	26.3	29.5	723	27.9	31.0	976	950	30.8	34.0	1130	1103
24x2 x 0.75	31.2	34.5	925	33.3	36.5	1316	1273	36.4	40.0	1511	1469
27x2 x 0.75	31.9	35.5	1012	34.0	37.5	1415	1371	37.1	41.0	1611	1567
30x2 x 0.75	33.3	37.0	1120	35.4	39.0	1543	1498	38.7	42.0	1761	1716
33x2 x 0.75	34.6	38.5	1213	36.7	40.5	1655	1608	40.0	44.0	1878	1831
37x2 x 0.75	36.2	40.0	1352	38.3	42.0	1818	1769	41.8	45.5	2065	2016
43x2 x 0.75	39.4	43.5	1563	41.5	46.0	2074	2021	45.0	49.5	2335	2282
48x2 x 0.75	41.8	46.0	1740	43.9	48.0	2286	2229	47.6	52.0	2580	2523
1x2 x 1.0	7.9	9.0	71	9.0	10.0	119	114	11.1	12.5	163	157
2x2 x 1.0	12.7	14.5	141	14.3	16.0	255	242	16.6	18.5	328	314
3x2 x 1.0	13.6	15.5	182	15.2	17.0	306	292	17.5	19.5	380	365
4x2 x 1.0	15.1	17.0	231	16.7	18.5	369	354	19.0	21.0	449	433
5x2 x 1.0	16.7	18.5	283	18.3	20.5	437	420	20.8	23.0	531	514
7x2 x 1.0	18.2	20.5	363	19.8	22.0	533	514	22.3	24.5	631	613
10x2 x 1.0	23.7	26.5	525	25.3	28.0	748	723	28.0	30.5	882	857
12x2 x 1.0	24.7	27.5	612	26.3	29.0	847	822	29.2	32.0	996	971
14x2 x 1.0	26.0	29.0	692	27.6	30.5	941	915	30.5	34.0	1095	1068
16x2 x 1.0	27.6	30.5	786	29.2	32.0	1053	1025	32.1	35.0	1212	1184
19x2 x 1.0	29.2	32.5	904	30.8	34.0	1190	1160	33.9	37.0	1369	1339
24x2 x 1.0	34.6	38.5	1153	36.7	40.5	1592	1545	40.0	44.0	1818	1771
27x2 x 1.0	35.6	39.0	1281	37.7	41.5	1737	1689	41.0	44.5	1964	1916
30x2 x 1.0	36.9	41.0	1398	39.0	43.0	1874	1824	42.5	46.5	2124	2074
33x2 x 1.0	38.6	42.5	1535	40.7	44.5	2036	1984	44.2	48.0	2293	2240
37x2 x 1.0	40.1	44.5	1689	42.2	46.5	2214	2160	45.9	50.0	2496	2442
43x2 x 1.0	43.9	48.0	1973	46.0	50.5	2553	2494	49.7	54.0	2853	2793
48x2 x 1.0	46.5	51.0	2195	48.6	53.0	2814	2751	52.5	57.0	3149	3086

CHJJP/SC, CHJFPF/SC(Al-foil)

(CHJVP/SA Series can also refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJPJ/SC, CHJFPF/SC			CHJJP80/SC, CHJFPF80/SC CHJJP90/SC, CHJFPF90/SC				CHJJP85/SC, CHJFPF86/SC CHJJP95/SC, CHJFPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	8.7	9.8	90	9.8	11.0	144	137	11.9	13.0	189	183
2x2 x 1.5	14.0	16.0	177	15.6	17.5	304	289	17.9	19.5	380	366
3x2 x 1.5	14.9	16.5	229	16.5	18.5	366	350	18.8	20.5	444	428
4x2 x 1.5	16.6	18.5	292	18.2	20.0	446	428	20.7	22.5	539	522
5x2 x 1.5	18.1	20.0	349	19.7	22.0	518	499	22.2	24.5	616	597
7x2 x 1.5	20.0	22.5	461	21.6	24.0	650	630	24.1	26.5	755	734
10x2 x 1.5	26.0	28.5	666	27.6	30.5	914	888	30.5	34.0	1068	1042
12x2 x 1.5	26.9	30.0	764	28.5	31.5	1024	997	31.4	34.5	1180	1153
14x2 x 1.5	28.5	31.5	881	30.1	33.0	1160	1131	33.2	36.0	1335	1306
16x2 x 1.5	30.4	34.0	1001	32.5	35.5	1387	1346	35.6	38.5	1574	1532
19x2 x 1.5	32.0	35.5	1153	34.1	37.5	1564	1520	37.4	41.0	1771	1727
24x2 x 1.5	38.2	42.0	1487	40.3	44.0	1981	1929	43.8	47.5	2238	2186
27x2 x 1.5	39.1	43.0	1634	41.2	45.0	2145	2092	44.7	48.5	2401	2348
30x2 x 1.5	40.5	44.5	1786	42.6	46.5	2320	2265	46.3	50.5	2600	2545
33x2 x 1.5	42.4	46.5	1961	44.5	48.5	2524	2467	48.2	52.5	2812	2754
37x2 x 1.5	44.2	48.5	2182	46.3	50.5	2776	2716	50.2	54.5	3090	3030
43x2 x 1.5	48.2	53.0	2522	50.3	55.0	3176	3111	54.4	59.0	3534	3469
48x2 x 1.5	51.1	56.0	2807	53.2	58.0	3506	3437	57.3	62.5	3876	3807
1x2 x 2.5	9.7	11.0	119	10.8	12.0	179	173	12.9	14.0	229	222
2x2 x 2.5	15.8	17.0	237	17.4	19.0	381	365	19.7	21.0	464	448
3x2 x 2.5	17.0	18.5	321	18.6	20.0	479	462	21.1	22.5	573	556
4x2 x 2.5	18.7	20.5	403	20.3	22.0	579	560	22.8	24.5	678	659
5x2 x 2.5	20.7	22.5	495	22.3	24.0	692	671	25.0	26.5	809	788
7x2 x 2.5	22.9	24.5	660	24.5	26.5	883	859	27.2	29.0	1005	981
10x2 x 2.5	29.8	32.0	949	31.4	33.5	1242	1212	34.5	36.5	1423	1392
12x2 x 2.5	31.0	33.0	1111	33.1	35.5	1509	1467	36.2	38.5	1694	1651
14x2 x 2.5	32.9	35.0	1281	35.0	37.5	1708	1663	38.3	40.5	1915	1870
16x2 x 2.5	34.7	37.0	1438	36.8	39.0	1892	1845	40.1	42.5	2104	2057
19x2 x 2.5	36.9	39.5	1683	39.0	41.5	2173	2123	42.5	45.0	2409	2359
24x2 x 2.5	44.0	47.0	2159	46.1	49.0	2749	2690	50.0	53.0	3063	3003
27x2 x 2.5	45.0	48.0	2379	47.1	50.0	2991	2930	51.0	54.0	3303	3242
30x2 x 2.5	46.8	50.0	2627	48.9	52.0	3271	3208	52.8	56.0	3586	3523
33x2 x 2.5	48.7	52.0	2859	50.8	54.0	3535	3469	54.9	58.0	3880	3814
37x2 x 2.5	50.9	54.0	3184	53.0	56.0	3900	3831	57.1	60.5	4250	4181
43x2 x 2.5	55.6	59.0	3707	57.7	61.0	4500	4425	62.0	65.5	4895	4820
48x2 x 2.5	59.0	62.5	4125	61.1	64.5	4975	4896	65.6	69.5	5413	5333

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJP/SC, CHJPPF/SC (Al-foil)

(CHJVP/SA Series can also refer below table)

对数x3x截面积 No of triples x 3 x cross section area	CHJPJP/SC, CHJPPF/SC			CHJPJP80/SC, CHJPPF80/SC CHJPJP90/SC, CHJPPF90/SC				CHJPJP85/SC, CHJPPF86/SC CHJPJP95/SC, CHJPPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	7.7	8.8	74	8.8	9.8	121	116	10.9	12.0	162	157
2x3 x 0.75	12.9	14.5	150	14.5	16.0	267	253	16.8	18.5	338	324
3x3 x 0.75	13.9	16.0	200	15.5	17.5	327	313	17.8	19.5	401	386
4x3 x 0.75	15.3	17.0	248	16.9	19.0	389	373	19.2	21.0	467	451
5x3 x 0.75	16.9	19.0	303	18.5	20.5	460	442	21.0	23.0	553	536
7x3 x 0.75	18.5	21.0	391	20.1	22.5	565	546	22.6	25.0	663	644
10x3 x 0.75	24.0	27.0	565	25.6	28.5	792	767	28.3	31.0	925	900
12x3 x 0.75	25.0	28.0	660	26.6	29.5	900	874	29.5	32.5	1047	1021
14x3 x 0.75	26.3	29.5	747	27.9	31.0	1002	975	30.8	34.0	1153	1126
16x3 x 0.75	28.0	31.0	850	29.6	32.5	1124	1095	32.5	35.5	1280	1252
19x3 x 0.75	29.6	33.0	979	31.2	34.5	1272	1242	34.3	37.5	1449	1418
24x3 x 0.75	35.1	39.0	1249	37.2	41.0	1698	1650	40.5	44.5	1921	1873
27x3 x 0.75	36.1	40.0	1388	38.2	42.0	1855	1806	41.7	45.5	2098	2049
30x3 x 0.75	37.4	41.5	1516	39.5	43.5	2003	1952	43.0	47.0	2250	2199
33x3 x 0.75	39.1	43.0	1665	41.2	45.5	2178	2125	44.7	49.0	2430	2377
37x3 x 0.75	40.9	45.0	1854	43.0	47.0	2396	2340	46.7	51.0	2674	2619
43x3 x 0.75	44.5	49.5	2142	46.6	51.5	2737	2677	50.5	55.5	3055	2994
48x3 x 0.75	47.2	52.0	2385	49.3	54.5	3021	2957	53.2	58.5	3350	3286
1x3 x 1.0	8.5	9.6	92	9.6	11.0	145	139	11.7	13.0	189	183
2x3 x 1.0	14.3	16.0	187	15.9	17.5	317	302	18.2	20.0	393	378
3x3 x 1.0	15.3	17.0	243	16.9	18.5	384	368	19.2	21.0	462	446
4x3 x 1.0	16.9	19.0	309	18.5	20.5	466	448	21.0	23.0	559	542
5x3 x 1.0	18.6	21.0	371	20.2	22.5	545	525	22.7	25.0	644	625
7x3 x 1.0	20.5	23.0	492	22.1	24.5	687	666	24.8	27.0	802	781
10x3 x 1.0	26.7	29.5	709	28.3	31.5	965	938	31.2	34.0	1121	1094
12x3 x 1.0	27.8	30.5	828	29.4	32.5	1099	1070	32.3	35.0	1256	1228
14x3 x 1.0	29.2	32.5	940	30.8	34.0	1228	1198	33.9	37.0	1403	1374
16x3 x 1.0	31.1	34.0	1068	33.2	36.5	1465	1423	36.3	39.5	1651	1609
19x3 x 1.0	33.0	36.5	1248	35.1	38.5	1674	1629	38.4	42.0	1882	1837
24x3 x 1.0	39.2	43.0	1589	41.3	45.0	2099	2046	44.8	48.5	2356	2303
27x3 x 1.0	40.0	44.0	1745	42.1	46.5	2272	2217	45.8	50.0	2548	2494
30x3 x 1.0	41.7	46.0	1929	43.8	48.0	2483	2427	47.5	51.5	2764	2708
33x3 x 1.0	43.6	48.0	2116	45.7	50.0	2700	2641	49.4	54.0	2988	2929
37x3 x 1.0	45.3	50.0	2333	47.4	52.0	2946	2885	51.3	56.0	3261	3200
43x3 x 1.0	49.6	54.5	2721	51.7	56.5	3400	3333	55.8	60.5	3759	3692
48x3 x 1.0	52.6	58.0	3028	54.7	60.0	3755	3683	59.0	64.5	4153	4082

CHJJP/SC, CHJFP/SC (Al-foil)

(CHJVP/SA Series can also refer below table)

对数x3x截面面积 No of triples x 3 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	9.2	10.5	113	10.3	11.5	170	164	12.4	13.5	216	210
2x3 x 1.5	15.5	17.5	228	17.1	19.0	369	353	19.4	21.5	450	434
3x3 x 1.5	16.8	18.5	309	18.4	20.5	465	448	20.9	23.0	557	540
4x3 x 1.5	18.4	20.5	386	20.0	22.0	559	540	22.5	24.5	656	637
5x3 x 1.5	20.4	22.5	474	22.0	24.5	667	646	24.5	27.0	772	751
7x3 x 1.5	22.5	25.0	631	24.1	26.5	849	826	26.8	29.0	969	946
10x3 x 1.5	29.3	32.5	908	30.9	34.0	1195	1165	34.0	37.0	1373	1343
12x3 x 1.5	30.5	33.5	1062	32.6	35.5	1452	1411	35.7	39.0	1635	1593
14x3 x 1.5	32.1	35.5	1209	34.2	37.5	1624	1580	37.5	41.0	1827	1783
16x3 x 1.5	34.2	37.5	1375	36.3	39.5	1821	1774	39.6	43.0	2031	1984
19x3 x 1.5	36.3	40.0	1607	38.4	42.0	2087	2038	41.9	45.5	2321	2272
24x3 x 1.5	43.0	47.5	2042	45.1	49.5	2616	2558	48.8	53.5	2903	2844
27x3 x 1.5	44.2	48.5	2271	46.3	50.5	2869	2809	50.2	54.5	3177	3117
30x3 x 1.5	45.9	50.5	2488	48.0	52.5	3115	3053	51.9	56.5	3428	3366
33x3 x 1.5	47.9	52.5	2729	50.0	54.5	3390	3325	53.9	58.5	3708	3643
37x3 x 1.5	50.0	54.5	3038	52.1	55.0	3737	3669	56.2	61.0	4084	4016
43x3 x 1.5	54.7	59.5	3538	56.8	62.0	4313	4239	61.1	66.0	4706	4632
48x3 x 1.5	57.9	63.5	3934	60.0	65.5	4763	4685	64.5	70.0	5197	5119
1x3 x 2.5	10.3	11.5	155	11.9	13.0	251	240	14.0	15.0	302	291
2x3 x 2.5	17.8	19.5	321	19.4	21.0	486	467	21.9	23.5	583	565
3x3 x 2.5	19.0	20.5	431	20.6	22.0	611	591	23.1	24.5	709	690
4x3 x 2.5	21.1	23.0	555	22.7	24.5	758	736	25.4	27.0	874	852
5x3 x 2.5	23.3	25.0	683	24.9	26.5	910	886	27.6	29.5	1032	1008
7x3 x 2.5	25.8	27.5	915	27.4	29.5	1174	1148	30.3	32.5	1314	1288
10x3 x 2.5	33.8	34.0	1329	35.9	38.0	1768	1722	39.2	41.5	1978	1932
12x3 x 2.5	34.9	37.5	1542	37.0	39.5	2004	1956	40.3	43.0	2211	2164
14x3 x 2.5	37.0	39.5	1781	39.1	41.5	2277	2227	42.6	45.0	2507	2457
16x3 x 2.5	39.3	42.0	2023	41.4	44.0	2556	2503	44.9	47.5	2792	2739
19x3 x 2.5	41.7	44.5	2369	43.8	46.5	2945	2889	47.5	50.5	3205	3148
24x3 x 2.5	49.7	53.0	3028	51.8	55.0	3723	3656	55.9	59.0	4067	4000
27x3 x 2.5	50.8	54.0	3345	52.9	56.0	4068	3999	57.0	60.5	4406	4338
30x3 x 2.5	53.0	56.5	3698	55.1	58.5	4462	4391	59.4	63.0	4831	4759
33x3 x 2.5	55.3	58.5	4054	57.4	61.0	4861	4786	61.7	65.0	5234	5159
37x3 x 2.5	57.7	61.0	4515	59.8	63.5	5371	5293	64.3	68.0	5774	5696
43x3 x 2.5	63.1	67.0	5250	65.2	69.0	6201	6116	69.9	74.0	6654	6569
48x3 x 2.5	66.8	71.0	5839	68.9	73.0	6859	6769	73.8	78.0	7356	7266

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/SC, CHJFP/SC(Copper wire braid)

(CHJVP/SA Series can also refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.0	9.2	104	9.1	10.5	154	149	11.2	12.5	196	190
2x2 x 0.75	12.9	14.5	207	14.5	16.0	326	313	16.8	18.5	395	382
3x2 x 0.75	14.0	15.5	286	15.6	17.0	418	404	17.9	19.5	489	474
4x2 x 0.75	15.3	17.0	362	16.9	18.5	509	493	19.2	21.0	581	566
5x2 x 0.75	16.9	19.0	446	18.5	20.5	610	592	21.0	23.0	696	679
7x2 x 0.75	18.5	20.5	592	20.1	22.0	776	757	22.6	24.5	863	844
10x2 x 0.75	24.0	26.5	851	25.6	28.5	1092	1068	28.3	31.0	1211	1186
12x2 x 0.75	25.0	27.5	1003	26.6	29.0	1260	1234	29.5	32.0	1390	1365
14x2 x 0.75	26.3	29.0	1148	27.9	30.5	1423	1396	30.8	33.5	1554	1527
16x2 x 0.75	28.0	31.0	1308	29.6	32.5	1604	1576	32.5	35.5	1738	1710
19x2 x 0.75	29.5	32.5	1522	31.1	34.0	1841	1811	34.2	37.5	1990	1960
24x2 x 0.75	35.0	38.5	1935	37.1	41.0	2417	2370	40.4	44.0	2605	2558
27x2 x 0.75	36.0	39.5	2160	38.1	41.5	2664	2615	41.6	45.0	2868	2819
30x2 x 0.75	37.3	41.0	2374	39.4	43.0	2903	2852	42.9	46.5	3106	3055
33x2 x 0.75	39.0	43.0	2608	41.1	45.0	3167	3114	44.6	48.5	3372	3319
37x2 x 0.75	40.5	44.5	2892	42.6	46.5	3481	3426	46.3	50.5	3705	3650
43x2 x 0.75	44.4	48.5	3372	46.5	50.5	4027	3967	50.4	54.5	4282	4222
48x2 x 0.75	47.0	51.5	3756	49.1	53.5	4459	4395	53.0	57.5	4717	4654
1x2 x 1.0	8.8	10.0	124	9.9	11.0	180	174	12.0	13.0	223	217
2x2 x 1.0	14.2	16.0	246	15.8	17.5	378	363	18.1	20.0	450	436
3x2 x 1.0	15.1	17.0	331	16.7	18.5	474	459	19.0	20.5	547	532
4x2 x 1.0	16.8	18.5	428	18.4	20.0	590	573	20.9	22.5	676	659
5x2 x 1.0	18.4	20.5	519	20.0	22.0	698	679	22.5	24.5	789	770
7x2 x 1.0	20.3	22.5	698	21.9	24.0	902	881	24.4	26.5	995	974
10x2 x 1.0	26.3	29.0	1003	27.9	30.5	1270	1244	30.8	33.5	1409	1383
12x2 x 1.0	27.4	30.0	1182	29.0	31.5	1467	1439	31.9	34.5	1604	1576
14x2 x 1.0	28.8	31.5	1353	30.4	33.0	1658	1629	33.5	36.5	1811	1781
16x2 x 1.0	30.7	33.5	1541	32.8	35.5	1957	1915	35.9	39.0	2117	2075
19x2 x 1.0	32.4	35.5	1794	34.5	37.5	2241	2197	37.8	41.0	2418	2374
24x2 x 1.0	38.6	42.0	2297	40.7	44.5	2836	2784	44.2	48.0	3053	3000
27x2 x 1.0	39.5	43.0	2544	41.6	45.5	3105	3052	45.1	49.0	3317	3263
30x2 x 1.0	41.1	45.0	2815	43.2	47.0	3407	3351	46.9	51.0	3639	3584
33x2 x 1.0	42.8	47.0	3072	44.9	49.0	3695	3637	48.6	53.0	3929	3870
37x2 x 1.0	44.7	48.5	3428	46.8	51.0	4089	4029	50.7	55.0	4344	4284
43x2 x 1.0	48.6	53.5	3969	50.7	55.5	4699	4634	54.8	59.5	4987	4921
48x2 x 1.0	51.8	56.5	4447	53.9	58.5	5236	5166	58.0	62.5	5528	5458

CHJJP/SC, CHJFP/SC(Copper wire braid)

(CHJVP/SA Series can also refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJPJ/SC, CHJFPF/SC			CHJJP80/SC, CHJFPF80/SC CHJJP90/SC, CHJFPF90/SC				CHJJP85/SC, CHJFPF86/SC CHJJP95/SC, CHJFPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	9.4	10.5	143	10.5	12.0	203	196	12.6	14.0	249	242
2x2 x 1.5	15.3	17.0	285	16.9	18.5	428	412	19.2	21.0	504	488
3x2 x 1.5	16.3	18.0	386	17.9	20.0	542	525	20.2	22.0	619	602
4x2 x 1.5	18.1	20.0	501	19.7	21.5	677	658	22.2	24.0	767	748
5x2 x 1.5	20.0	22.0	617	21.6	23.5	814	794	24.1	26.0	909	889
7x2 x 1.5	22.1	24.5	832	23.7	26.0	1057	1034	26.4	28.5	1164	1142
10x2 x 1.5	28.6	31.5	1193	30.2	33.0	1489	1459	33.3	36.0	1648	1618
12x2 x 1.5	29.6	32.5	1392	31.2	34.0	1706	1675	34.3	37.5	1861	1831
14x2 x 1.5	31.4	34.5	1611	33.5	36.5	2038	1995	36.6	39.5	2199	2156
16x2 x 1.5	33.4	36.5	1833	35.5	38.5	2293	2247	38.8	42.0	2475	2429
19x2 x 1.5	35.2	38.5	2136	37.3	41.0	2631	2583	40.6	44.0	2810	2762
24x2 x 1.5	42.0	46.0	2730	44.1	48.0	3327	3270	47.8	51.5	3572	3515
27x2 x 1.5	42.9	47.0	3025	45.0	49.0	3647	3589	48.7	53.0	3884	3826
30x2 x 1.5	44.7	48.5	3349	46.8	51.0	4006	3946	50.7	55.0	4265	4204
33x2 x 1.5	46.7	51.0	3676	48.8	53.0	4371	4308	52.7	57.0	4632	4568
37x2 x 1.5	48.6	53.0	4079	50.7	55.0	4815	4749	54.8	59.5	5097	5031
43x2 x 1.5	53.1	58.0	4748	55.2	60.0	5566	5494	59.5	64.5	5883	5811
48x2 x 1.5	56.3	61.5	5288	58.4	63.5	6167	6091	62.9	68.0	6518	6442
1x2 x 2.5	10.4	11.5	181	12.0	13.0	279	268	14.1	15.0	329	318
2x2 x 2.5	17.3	18.5	368	18.9	20.5	531	513	21.4	23.0	624	606
3x2 x 2.5	18.4	20.0	503	20.0	21.5	682	663	22.5	24.0	773	754
4x2 x 2.5	20.4	22.0	652	22.0	23.5	854	833	24.5	26.0	949	928
5x2 x 2.5	22.6	24.5	804	24.2	26.0	1032	1008	26.9	28.5	1144	1121
7x2 x 2.5	24.9	26.5	1086	26.5	28.5	1346	1321	29.4	31.0	1472	1446
10x2 x 2.5	32.4	34.5	1557	34.5	36.5	1992	1948	37.8	40.0	2180	2136
12x2 x 2.5	33.7	36.0	1836	35.8	38.0	2299	2253	39.1	41.5	2483	2437
14x2 x 2.5	35.7	38.0	2124	37.8	40.0	2623	2575	41.1	43.5	2807	2758
16x2 x 2.5	37.8	40.0	2399	39.9	42.5	2935	2883	43.4	46.0	3140	3089
19x2 x 2.5	40.1	42.5	2819	42.2	45.0	3400	3346	45.9	48.5	3624	3570
24x2 x 2.5	47.8	50.5	3595	49.9	53.0	4298	4233	53.8	57.0	4572	4507
27x2 x 2.5	49.0	52.0	4010	51.1	54.0	4747	4681	55.2	58.0	5035	4969
30x2 x 2.5	50.9	54.0	4413	53.0	56.0	5190	5122	57.1	60.5	5477	5408
33x2 x 2.5	53.1	56.5	4843	55.2	58.5	5666	5594	59.5	63.0	5978	5906
37x2 x 2.5	55.4	58.5	5402	57.5	61.0	6277	6203	61.8	65.0	6584	6510
43x2 x 2.5	60.6	64.0	6283	62.7	66.5	7258	7177	67.4	71.0	7633	7552
48x2 x 2.5	64.2	68.0	6995	66.3	70.0	8045	7958	71.2	75.0	8455	8369

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJPJ/SC, CHJPFP/SC(Copper wire braid)

(CHJVP/SA Series can also refer below table)

对数x3x截面积 No of triples x 3 x cross section area	CHJJPJ/SC, CHJPFP/SC			CHJJPJ80/SC, CHJPFP80/SC CHJJPJ90/SC, CHJPFP90/SC				CHJJPJ85/SC, CHJPFP86/SC CHJJPJ95/SC, CHJPFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	8.1	9.6	119	9.2	11.0	171	165	11.3	13.0	211	206
2x3 x 0.75	14.0	16.0	248	15.6	17.5	378	364	17.9	20.0	451	436
3x3 x 0.75	14.8	17.0	335	16.4	18.5	476	461	18.7	20.5	548	532
4x3 x 0.75	16.3	18.5	426	17.9	20.0	584	567	20.2	22.5	659	642
5x3 x 0.75	18.1	20.5	527	19.7	22.0	704	686	22.2	24.5	793	774
7x3 x 0.75	19.9	22.5	710	21.5	24.0	911	891	24.0	26.5	1001	980
10x3 x 0.75	25.9	29.0	1021	27.5	30.5	1286	1260	30.4	33.5	1421	1394
12x3 x 0.75	26.8	30.0	1191	28.4	31.5	1472	1445	31.3	34.5	1604	1577
14x3 x 0.75	28.4	31.5	1378	30.0	33.0	1681	1652	32.9	36.0	1815	1786
16x3 x 0.75	30.2	33.5	1569	32.3	35.5	1981	1940	35.4	39.0	2136	2095
19x3 x 0.75	31.9	35.5	1829	34.0	37.5	2273	2229	37.1	41.0	2426	2383
24x3 x 0.75	37.9	42.0	2323	40.0	44.0	2856	2804	43.5	47.5	3067	3015
27x3 x 0.75	38.9	43.0	2593	41.0	45.0	3150	3097	44.5	48.5	3355	3302
30x3 x 0.75	40.4	45.0	2853	42.5	47.0	3439	3385	46.2	50.5	3664	3609
33x3 x 0.75	42.2	46.5	3133	44.3	48.5	3753	3696	48.0	52.5	3979	3921
37x3 x 0.75	44.0	48.5	3497	46.1	50.5	4154	4095	50.0	54.5	4399	4340
43x3 x 0.75	48.0	53.0	4051	50.1	55.0	4779	4714	54.2	59.0	5056	4991
48x3 x 0.75	50.9	56.0	4513	53.0	58.0	5295	5227	57.1	62.5	5577	5508
1x3 x 1.0	9.0	10.5	143	10.1	11.5	201	195	12.2	13.5	245	238
2x3 x 1.0	15.2	17.0	289	16.8	18.5	431	415	19.1	21.0	507	491
3x3 x 1.0	16.2	18.5	393	17.8	20.0	548	532	20.1	22.5	624	607
4x3 x 1.0	18.0	20.0	510	19.6	22.0	686	667	22.1	24.5	774	756
5x3 x 1.0	19.9	22.5	628	21.5	24.0	825	805	24.0	26.5	919	899
7x3 x 1.0	22.0	24.5	848	23.6	26.0	1073	1050	26.3	29.0	1179	1157
10x3 x 1.0	28.5	31.5	1216	30.1	33.0	1512	1483	33.2	36.5	1669	1640
12x3 x 1.0	29.5	33.0	1420	31.1	34.5	1734	1704	34.2	37.5	1888	1858
14x3 x 1.0	31.3	34.5	1644	33.4	36.5	2072	2029	36.5	40.0	2230	2188
16x3 x 1.0	33.3	36.5	1871	35.4	39.0	2332	2286	38.7	42.0	2511	2465
19x3 x 1.0	35.1	39.0	2181	37.2	41.0	2677	2629	40.5	44.5	2853	2806
24x3 x 1.0	41.9	46.0	2788	44.0	48.0	3387	3330	47.7	52.0	3627	3570
27x3 x 1.0	42.9	47.5	3091	45.0	49.5	3716	3658	48.7	53.0	3950	3892
30x3 x 1.0	44.7	49.5	3422	46.8	51.5	4083	4023	50.7	55.5	4338	4278
33x3 x 1.0	46.7	51.0	3757	48.8	53.5	4456	4393	52.7	57.0	4712	4649
37x3 x 1.0	48.5	53.5	4168	50.6	55.5	4907	4842	54.7	59.5	5184	5118
43x3 x 1.0	53.1	58.5	4853	55.2	60.5	5676	5604	59.5	65.0	5988	5916
48x3 x 1.0	56.2	62.0	5404	58.3	64.0	6288	6212	62.8	68.5	6631	6555

CHJJP/SC, CHJFP/SC(Copper wire braid)

(CHJVP/SA Series can also refer below table)

对数x3x截面积 No of triples x 3 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	9.6	11.0	168	10.7	12.0	230	224	12.8	14.0	276	269
2x3 x 1.5	16.6	18.5	348	18.2	20.0	504	487	20.7	22.5	594	576
3x3 x 1.5	17.7	20.0	475	19.3	21.5	647	628	21.8	24.0	735	717
4x3 x 1.5	19.6	22.0	615	21.2	23.5	809	789	23.7	26.0	901	881
5x3 x 1.5	21.5	24.0	748	23.1	25.5	964	942	25.8	28.5	1073	1051
7x3 x 1.5	23.8	26.5	1013	25.4	28.0	1261	1236	28.1	31.0	1370	1346
10x3 x 1.5	31.2	34.5	1468	33.3	36.5	1886	1843	36.4	39.5	2053	2011
12x3 x 1.5	32.3	34.0	1717	34.4	38.0	2159	2115	37.7	41.0	2338	2294
14x3 x 1.5	34.2	37.5	1986	36.3	39.5	2462	2416	39.6	43.0	2642	2596
16x3 x 1.5	36.3	40.0	2260	38.4	42.0	2773	2723	41.9	45.5	2973	2924
19x3 x 1.5	38.6	42.5	2656	40.7	44.5	3213	3161	44.2	48.0	3412	3360
24x3 x 1.5	45.8	50.5	3367	47.9	52.5	4037	3975	51.8	56.5	4305	4243
27x3 x 1.5	47.0	51.5	3757	49.1	53.5	4460	4396	53.0	55.0	4718	4654
30x3 x 1.5	49.0	53.5	4158	51.1	55.5	4902	4836	55.2	60.0	5184	5117
33x3 x 1.5	50.9	56.0	4539	53.0	58.0	5323	5254	57.1	62.0	5602	5533
37x3 x 1.5	53.2	58.5	5065	55.3	60.5	5900	5828	59.6	65.0	6202	6130
43x3 x 1.5	58.1	63.5	5891	60.2	66.0	6820	6742	64.7	70.5	7158	7080
48x3 x 1.5	61.6	67.5	6560	63.7	69.5	7560	7477	68.4	74.5	7932	7849
1x3 x 2.5	10.7	12.0	219	12.3	13.5	321	310	14.4	15.5	371	359
2x3 x 2.5	18.6	20.5	450	20.2	22.0	628	608	22.7	24.5	723	704
3x3 x 2.5	20.1	22.0	631	21.7	23.5	830	809	24.2	26.0	925	904
4x3 x 2.5	22.3	24.0	819	23.9	25.5	1045	1022	26.6	28.5	1155	1132
5x3 x 2.5	24.7	26.5	1011	26.3	28.5	1266	1241	29.2	31.0	1394	1369
7x3 x 2.5	27.0	29.0	1357	28.6	30.5	1648	1620	31.5	33.5	1773	1745
10x3 x 2.5	35.6	38.0	1977	37.7	40.0	2468	2419	41.0	43.5	2659	2610
12x3 x 2.5	36.9	39.5	2316	39.0	41.5	2838	2788	42.5	45.0	3040	2990
14x3 x 2.5	39.0	41.5	2679	41.1	44.0	3242	3189	44.6	47.5	3442	3389
16x3 x 2.5	41.5	44.5	3048	43.6	46.5	3656	3600	47.3	50.0	3880	3824
19x3 x 2.5	44.1	47.0	3584	46.2	49.0	4247	4187	50.1	53.0	4488	4428
24x3 x 2.5	52.5	56.0	4562	54.6	58.0	5364	5293	58.9	62.5	5684	5613
27x3 x 2.5	53.6	57.0	5064	55.7	59.0	5903	5831	60.0	63.5	6209	6136
30x3 x 2.5	55.9	59.5	5605	58.0	61.5	6496	6420	62.3	66.0	6797	6722
33x3 x 2.5	58.3	62.0	6150	60.4	64.0	7094	7015	64.9	68.5	7421	7342
37x3 x 2.5	60.9	64.5	6862	63.0	67.0	7870	7787	67.7	71.5	8219	8136
43x3 x 2.5	66.5	70.5	7975	68.6	72.5	9099	9009	73.5	77.5	9485	9395
48x3 x 2.5	70.7	75.0	8912	72.8	77.0	10128	10032	77.9	82.5	10549	10454

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJ85/SC Series, CHJ86/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable without inner sheath

图例 **Example:**型号: **CHJ85/SC**Type: **CHJ86/SC****CHJ85/SC****7X2X0.75****用途 Application**

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJ85/SC, CHJ86/SC

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	8.0	9.2	88	1x2 x 1.5	9.4	10.5	122
2x2 x 0.75	11.5	13.0	162	2x2 x 1.5	13.4	15.0	261
3x2 x 0.75	12.1	14.0	192	3x2 x 1.5	14.9	16.5	312
4x2 x 0.75	13.1	15.0	226	4x2 x 1.5	16.2	18.0	380
5x2 x 0.75	14.9	17.0	304	5x2 x 1.5	17.8	20.0	441
7x2 x 0.75	16.1	18.0	374	7x2 x 1.5	19.5	21.5	553
10x2 x 0.75	20.4	23.0	511	10x2 x 1.5	24.8	27.5	775
12x2 x 0.75	21.1	23.5	566	12x2 x 1.5	25.6	28.0	867
14x2 x 0.75	22.3	25.0	637	14x2 x 1.5	26.8	29.5	967
16x2 x 0.75	23.4	26.0	699	16x2 x 1.5	28.4	31.5	1083
19x2 x 0.75	24.8	27.5	797	19x2 x 1.5	30.1	33.0	1242
24x2 x 0.75	28.9	32.0	987	24x2 x 1.5	35.2	38.5	1561
27x2 x 0.75	29.5	32.5	1063	27x2 x 1.5	36.7	40.0	1786
30x2 x 0.75	30.7	34.0	1161	30x2 x 1.5	37.9	41.5	1948
33x2 x 0.75	31.9	35.5	1249	33x2 x 1.5	39.6	43.5	2099
37x2 x 0.75	33.3	37.0	1374	37x2 x 1.5	41.2	45.0	2307
43x2 x 0.75	36.6	40.5	1662	43x2 x 1.5	44.7	49.0	2639
48x2 x 0.75	38.7	42.5	1831	48x2 x 1.5	47.3	51.5	2914
1x2 x 1.0	8.8	10.0	105	1x2 x 2.5	10.4	11.5	156
2x2 x 1.0	12.5	14.0	189	2x2 x 2.5	15.8	17.0	332
3x2 x 1.0	13.2	15.0	226	3x2 x 2.5	16.9	18.5	417
4x2 x 1.0	15.0	17.0	311	4x2 x 2.5	18.4	20.0	503
5x2 x 1.0	16.3	18.0	368	5x2 x 2.5	20.2	22.0	600
7x2 x 1.0	17.8	20.0	446	7x2 x 2.5	22.1	24.0	762
10x2 x 1.0	22.6	25.0	624	10x2 x 2.5	28.3	30.5	1073
12x2 x 1.0	23.3	26.0	694	12x2 x 2.5	29.2	31.5	1213
14x2 x 1.0	24.4	27.0	781	14x2 x 2.5	30.8	33.0	1377
16x2 x 1.0	25.9	28.5	862	16x2 x 2.5	32.5	35.0	1548
19x2 x 1.0	27.4	30.5	983	19x2 x 2.5	34.4	37.0	1766
24x2 x 1.0	32.1	35.5	1223	24x2 x 2.5	41.2	44.0	2343
27x2 x 1.0	32.9	36.0	1336	27x2 x 2.5	42.1	45.0	2550
30x2 x 1.0	34.1	37.5	1445	30x2 x 2.5	43.8	46.5	2791
33x2 x 1.0	35.6	39.0	1662	33x2 x 2.5	45.5	48.5	3017
37x2 x 1.0	37.4	41.0	1806	37x2 x 2.5	47.4	50.5	3327
43x2 x 1.0	40.6	44.5	2082	43x2 x 2.5	51.4	54.5	3839
48x2 x 1.0	42.9	47.0	2274	48x2 x 2.5	54.6	58.0	4244

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJ85/SC, CHJ86/SC

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	8.6	9.8	107	1x3 x 1.5	9.9	11.5	148
2x3 x 0.75	12.6	14.5	188	2x3 x 1.5	15.6	17.5	312
3x3 x 0.75	13.3	15.0	230	3x3 x 1.5	16.7	18.5	392
4x3 x 0.75	15.2	17.0	319	4x3 x 1.5	18.1	20.0	472
5x3 x 0.75	16.7	18.5	379	5x3 x 1.5	19.9	22.0	565
7x3 x 0.75	18.0	20.0	465	7x3 x 1.5	21.6	24.0	711
10x3 x 0.75	22.9	25.5	653	10x3 x 1.5	27.9	30.5	1016
12x3 x 0.75	23.7	26.5	732	12x3 x 1.5	28.8	31.5	1150
14x3 x 0.75	25.0	27.5	827	14x3 x 1.5	30.4	33.5	1306
16x3 x 0.75	26.3	29.0	915	16x3 x 1.5	32	35.0	1453
19x3 x 0.75	27.9	31.0	1050	19x3 x 1.5	33.9	37.0	1676
24x3 x 0.75	32.8	36.0	1322	24x3 x 1.5	40.4	44.5	2210
27x3 x 0.75	33.4	37.0	1431	27x3 x 1.5	41.5	45.5	2426
30x3 x 0.75	34.6	38.0	1552	30x3 x 1.5	42.9	47.0	2635
33x3 x 0.75	36.6	40.5	1781	33x3 x 1.5	44.8	49.0	2870
37x3 x 0.75	38.2	42.0	1960	37x3 x 1.5	46.7	51.0	3167
43x3 x 0.75	41.4	45.5	2241	43x3 x 1.5	50.6	55.5	3630
48x3 x 0.75	43.8	48.0	2475	48x3 x 1.5	53.5	58.5	4014
1x3 x 1.0	9.2	10.5	124	1x3 x 2.5	11.2	12.5	200
2x3 x 1.0	14.4	16.0	262	2x3 x 2.5	17.7	19.0	417
3x3 x 1.0	15.3	17.0	319	3x3 x 2.5	18.7	20.5	525
4x3 x 1.0	16.8	18.5	389	4x3 x 2.5	20.6	22.5	654
5x3 x 1.0	18.2	20.5	454	5x3 x 2.5	22.7	24.5	788
7x3 x 1.0	19.9	22.0	573	7x3 x 2.5	24.8	26.5	1017
10x3 x 1.0	25.4	28.0	807	10x3 x 2.5	31.8	34.0	1437
12x3 x 1.0	26.2	29.0	907	12x3 x 2.5	33.1	35.5	1659
14x3 x 1.0	27.7	30.5	1028	14x3 x 2.5	34.7	37.0	1874
16x3 x 1.0	29.1	32.0	1139	16x3 x 2.5	37.3	40.0	2205
19x3 x 1.0	30.9	34.0	1311	19x3 x 2.5	39.5	42.0	2545
24x3 x 1.0	36.8	40.5	1740	24x3 x 2.5	46.7	49.5	3220
27x3 x 1.0	37.6	41.5	1887	27x3 x 2.5	47.6	50.5	3521
30x3 x 1.0	39.1	43.0	2063	30x3 x 2.5	49.6	52.5	3865
33x3 x 1.0	40.6	44.5	2226	33x3 x 2.5	51.7	55.0	4214
37x3 x 1.0	42.3	46.5	2451	37x3 x 2.5	53.6	57.0	4633
43x3 x 1.0	45.9	50.5	2808	43x3 x 2.5	58.4	62.0	5353
48x3 x 1.0	48.6	53.5	3103	48x3 x 2.5	61.8	65.5	5928

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/SC Series, CHJP86/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable without inner sheath

图例 **Example:**型号: **CHJP85/SC**Type: **CHJP86/SC****CHJP86/SC****7X2X1.5****用途 Application**

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJP85/SC CHJP86/SC (铝箔)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	8.5	9.6	100	1x2 x 1.5	9.7	11.0	132
2x2 x 0.75	12.7	14.5	178	2x2 x 1.5	15.5	17.5	283
3x2 x 0.75	13.4	15.0	213	3x2 x 1.5	16.6	18.5	350
4x2 x 0.75	15.3	17.0	296	4x2 x 1.5	18.1	20.0	418
5x2 x 0.75	16.8	18.5	350	5x2 x 1.5	19.8	22.0	496
7x2 x 0.75	18.1	20.5	424	7x2 x 1.5	21.5	24.0	614
10x2 x 0.75	23.1	25.5	597	10x2 x 1.5	27.7	30.5	877
12x2 x 0.75	23.8	26.5	662	12x2 x 1.5	28.6	31.5	984
14x2 x 0.75	25.1	28.0	745	14x2 x 1.5	30.2	33.0	1113
16x2 x 0.75	26.4	29.5	821	16x2 x 1.5	31.9	35.0	1234
19x2 x 0.75	28.0	31.0	937	19x2 x 1.5	33.7	37.0	1415
24x2 x 0.75	32.9	36.5	1180	24x2 x 1.5	40.2	44.0	1880
27x2 x 0.75	33.6	37.0	1273	27x2 x 1.5	41.3	45.0	2056
30x2 x 0.75	34.8	38.5	1375	30x2 x 1.5	42.7	46.5	2223
33x2 x 0.75	36.8	40.5	1587	33x2 x 1.5	44.6	48.5	2418
37x2 x 0.75	38.4	42.0	1742	37x2 x 1.5	46.4	50.5	2658
43x2 x 0.75	41.6	46.0	1988	43x2 x 1.5	50.4	55.0	3042
48x2 x 0.75	44.0	48.5	2191	48x2 x 1.5	53.3	58.0	3358
1x2 x 1.0	9.1	10.5	114	1x2 x 2.5	10.7	12.0	167
2x2 x 1.0	14.4	16.0	244	2x2 x 2.5	17.5	19.0	366
3x2 x 1.0	15.3	17.0	292	3x2 x 2.5	18.5	20.0	450
4x2 x 1.0	16.8	18.5	354	4x2 x 2.5	20.4	22.0	555
5x2 x 1.0	18.2	20.5	410	5x2 x 2.5	22.4	24.0	663
7x2 x 1.0	19.9	22.0	511	7x2 x 2.5	24.4	26.5	835
10x2 x 1.0	25.4	28.0	718	10x2 x 2.5	31.5	33.5	1192
12x2 x 1.0	26.2	29.0	801	12x2 x 2.5	32.5	35.0	1348
14x2 x 1.0	27.7	30.5	904	14x2 x 2.5	34.4	37.0	1533
16x2 x 1.0	29.1	32.0	997	16x2 x 2.5	36.9	39.5	1812
19x2 x 1.0	30.9	34.0	1142	19x2 x 2.5	39.1	41.5	2081
24x2 x 1.0	36.8	40.5	1527	24x2 x 2.5	46.0	49.0	2612
27x2 x 1.0	37.6	41.5	1647	27x2 x 2.5	47.2	50.0	2864
30x2 x 1.0	39.1	43.0	1796	30x2 x 2.5	49.0	52.0	3132
33x2 x 1.0	40.6	44.5	1932	33x2 x 2.5	50.9	54.0	3385
37x2 x 1.0	42.3	46.5	2122	37x2 x 2.5	53.1	56.5	3734
43x2 x 1.0	45.9	50.5	2425	43x2 x 2.5	57.8	61.5	4306
48x2 x 1.0	48.5	53.0	2674	48x2 x 2.5	61.2	65.0	4761

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/SC CHJP86/SC (铝箔)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	8.9	10.0	115	1x3 x 1.5	10.2	11.5	158
2x3 x 0.75	14.6	16.5	255	2x3 x 1.5	17.2	19.0	354
3x3 x 0.75	15.4	17.5	305	3x3 x 1.5	18.3	20.5	436
4x3 x 0.75	17.0	19.0	372	4x3 x 1.5	20.1	22.5	536
5x3 x 0.75	18.4	20.5	432	5x3 x 1.5	22.1	24.5	640
7x3 x 0.75	20.2	22.5	542	7x3 x 1.5	24	26.5	803
10x3 x 0.75	25.7	28.5	761	10x3 x 1.5	31	34.0	1147
12x3 x 0.75	26.5	29.5	851	12x3 x 1.5	32	35.0	1296
14x3 x 0.75	28.0	31.0	962	14x3 x 1.5	33.8	37.0	1471
16x3 x 0.75	29.5	32.5	1064	16x3 x 1.5	36.4	40.0	1744
19x3 x 0.75	31.3	34.5	1221	19x3 x 1.5	38.5	42.0	1999
24x3 x 0.75	37.3	41.0	1628	24x3 x 1.5	45.2	49.5	2506
27x3 x 0.75	38.3	42.0	1777	27x3 x 1.5	46.4	50.5	2747
30x3 x 0.75	39.6	43.5	1920	30x3 x 1.5	48.1	52.5	2984
33x3 x 0.75	41.3	45.5	2086	33x3 x 1.5	50.1	54.5	3246
37x3 x 0.75	42.9	47.0	2275	37x3 x 1.5	52.2	57.0	3577
43x3 x 0.75	46.7	51.5	2622	43x3 x 1.5	56.7	62.0	4101
48x3 x 0.75	49.4	54.5	2894	48x3 x 1.5	60.1	65.5	4559
1x3 x 1.0	9.5	11.0	133	1x3 x 2.5	11.5	12.5	211
2x3 x 1.0	15.8	17.5	295	2x3 x 2.5	19.5	21.0	466
3x3 x 1.0	17.0	19.0	367	3x3 x 2.5	20.7	22.5	586
4x3 x 1.0	18.4	20.5	438	4x3 x 2.5	22.8	24.5	727
5x3 x 1.0	20.3	22.5	523	5x3 x 2.5	25	27.0	872
7x3 x 1.0	22.2	24.5	658	7x3 x 2.5	27.5	29.5	1126
10x3 x 1.0	28.4	31.5	927	10x3 x 2.5	35.5	38.0	1605
12x3 x 1.0	29.3	32.5	1041	12x3 x 2.5	37.1	39.5	1919
14x3 x 1.0	30.9	34.0	1178	14x3 x 2.5	39.2	42.0	2180
16x3 x 1.0	32.8	36.0	1322	16x3 x 2.5	41.5	44.0	2447
19x3 x 1.0	34.5	38.0	1500	19x3 x 2.5	43.9	46.5	2819
24x3 x 1.0	41.4	45.5	2011	24x3 x 2.5	51.9	55.0	3563
27x3 x 1.0	42.2	46.5	2177	27x3 x 2.5	53	56.5	3893
30x3 x 1.0	43.9	48.0	2378	30x3 x 2.5	55.2	58.5	4269
33x3 x 1.0	45.6	50.0	2565	33x3 x 2.5	57.5	61.0	4650
37x3 x 1.0	47.5	52.0	2822	37x3 x 2.5	59.9	63.5	5137
43x3 x 1.0	51.8	56.5	3256	43x3 x 2.5	65.3	69.0	5930
48x3 x 1.0	54.8	60.0	3595	48x3 x 2.5	69	73.0	6559

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/SC CHJP86/SC (铜丝)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	9.2	10.5	147	1x2 x 1.5	10.4	12.0	189
2x2 x 0.75	14.5	16.5	311	2x2 x 1.5	16.9	18.5	407
3x2 x 0.75	15.4	17.0	391	3x2 x 1.5	17.9	20.0	518
4x2 x 0.75	16.9	19.0	485	4x2 x 1.5	19.7	22.0	646
5x2 x 0.75	18.3	20.5	573	5x2 x 1.5	21.4	23.5	768
7x2 x 0.75	20.1	22.5	741	7x2 x 1.5	23.5	26.0	999
10x2 x 0.75	25.6	28.5	1046	10x2 x 1.5	30.2	33.0	1424
12x2 x 0.75	26.4	29.0	1193	12x2 x 1.5	31.2	34.0	1632
14x2 x 0.75	27.9	31.0	1361	14x2 x 1.5	33.0	36.0	1865
16x2 x 0.75	29.4	32.5	1520	16x2 x 1.5	34.8	38.0	2087
19x2 x 0.75	31.1	34.0	1761	19x2 x 1.5	37.3	41.0	2514
24x2 x 0.75	37.1	41.0	2311	24x2 x 1.5	44.1	48.0	3181
27x2 x 0.75	37.9	41.5	2528	27x2 x 1.5	45.0	49.0	3486
30x2 x 0.75	39.4	43.0	2774	30x2 x 1.5	46.8	51.0	3828
33x2 x 0.75	41.1	45.0	3026	33x2 x 1.5	48.6	53.0	4155
37x2 x 0.75	42.6	46.5	3327	37x2 x 1.5	50.7	55.0	4602
43x2 x 0.75	46.5	51.0	3848	43x2 x 1.5	55.2	60.0	5318
48x2 x 0.75	49.1	54.0	4261	48x2 x 1.5	58.4	63.5	5893
1x2 x 1.0	9.8	11.0	167	1x2 x 2.5	11.6	13.0	237
2x2 x 1.0	15.6	17.5	352	2x2 x 2.5	18.7	20.5	498
3x2 x 1.0	16.7	18.5	452	3x2 x 2.5	20.0	21.5	651
4x2 x 1.0	18.2	20.0	554	4x2 x 2.5	22.0	24.0	816
5x2 x 1.0	20.0	22.0	667	5x2 x 2.5	24.0	26.0	975
7x2 x 1.0	21.7	24.0	852	7x2 x 2.5	26.3	28.5	1275
10x2 x 1.0	27.9	30.5	1216	10x2 x 2.5	34.0	36.5	1820
12x2 x 1.0	28.8	31.5	1390	12x2 x 2.5	35.1	37.5	2093
14x2 x 1.0	30.4	33.5	1586	14x2 x 2.5	37.6	40.0	2489
16x2 x 1.0	32.1	35.0	1774	16x2 x 2.5	39.9	42.5	2805
19x2 x 1.0	34.0	37.0	2057	19x2 x 2.5	42.2	45.0	3249
24x2 x 1.0	40.5	44.5	2692	24x2 x 2.5	49.9	53.0	4109
27x2 x 1.0	41.6	45.5	2968	27x2 x 2.5	50.9	54.0	4512
30x2 x 1.0	43.0	47.0	3236	30x2 x 2.5	53.0	56.5	4960
33x2 x 1.0	44.9	49.0	3532	33x2 x 2.5	55.2	58.5	5413
37x2 x 1.0	46.8	51.0	3908	37x2 x 2.5	57.5	61.0	5997
43x2 x 1.0	50.7	55.5	4491	43x2 x 2.5	62.7	66.5	6934
48x2 x 1.0	53.7	58.5	4977	48x2 x 2.5	66.3	70.5	7685

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/SC CHJP86/SC (铜丝)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	9.3	10.5	163	1x3 x 1.5	10.6	12.0	215
2x3 x 0.75	15.5	17.5	354	2x3 x 1.5	18.1	20.0	474
3x3 x 0.75	16.3	18.5	447	3x3 x 1.5	19.4	21.5	618
4x3 x 0.75	18.0	20.0	559	4x3 x 1.5	21.1	23.5	764
5x3 x 0.75	19.8	22.0	674	5x3 x 1.5	23.2	25.5	924
7x3 x 0.75	21.4	24.0	862	7x3 x 1.5	25.5	28.0	1207
10x3 x 0.75	27.6	30.5	1232	10x3 x 1.5	32.9	36.0	1723
12x3 x 0.75	28.5	31.5	1410	12x3 x 1.5	34	37.0	1980
14x3 x 0.75	30.1	33.0	1610	14x3 x 1.5	36.4	40.0	2355
16x3 x 0.75	31.7	35.0	1800	16x3 x 1.5	38.5	42.0	2651
19x3 x 0.75	33.6	37.0	2089	19x3 x 1.5	40.6	44.5	3053
24x3 x 0.75	40.1	44.0	2733	24x3 x 1.5	48	52.5	3861
27x3 x 0.75	41.1	45.0	3012	27x3 x 1.5	49.2	53.5	4263
30x3 x 0.75	42.6	46.5	3289	30x3 x 1.5	51	55.5	4662
33x3 x 0.75	44.4	48.5	3589	33x3 x 1.5	53.1	58.0	5088
37x3 x 0.75	46.0	50.5	3950	37x3 x 1.5	55.4	60.5	5639
43x3 x 0.75	50.2	55.0	4569	43x3 x 1.5	60.3	65.5	6518
48x3 x 0.75	53.1	58.0	5063	48x3 x 1.5	63.8	69.5	7225
1x3 x 1.0	10.0	11.5	187	1x3 x 2.5	11.9	13.0	277
2x3 x 1.0	16.9	19.0	412	2x3 x 2.5	20.3	22.0	601
3x3 x 1.0	17.9	20.0	525	3x3 x 2.5	21.6	23.5	784
4x3 x 1.0	19.7	22.0	656	4x3 x 2.5	23.8	25.5	990
5x3 x 1.0	21.4	24.0	780	5x3 x 2.5	26.2	28.0	1200
7x3 x 1.0	23.5	26.0	1016	7x3 x 2.5	28.7	31.0	1577
10x3 x 1.0	30.2	33.5	1449	10x3 x 2.5	37.6	40.0	2343
12x3 x 1.0	31.2	34.5	1661	12x3 x 2.5	39.1	41.5	2714
14x3 x 1.0	33.0	36.0	1899	14x3 x 2.5	41.2	44.0	3099
16x3 x 1.0	34.8	38.0	2126	16x3 x 2.5	43.7	46.5	3496
19x3 x 1.0	37.3	41.0	2560	19x3 x 2.5	46.3	49.5	4059
24x3 x 1.0	44.1	48.0	3240	24x3 x 2.5	54.7	58.0	5128
27x3 x 1.0	45.1	49.5	3554	27x3 x 2.5	55.8	59.0	5642
30x3 x 1.0	46.9	51.5	3904	30x3 x 2.5	58.1	61.5	6208
33x3 x 1.0	48.7	53.0	4238	33x3 x 2.5	60.5	64.0	6778
37x3 x 1.0	50.7	55.5	4692	37x3 x 2.5	63.1	67.0	7519
43x3 x 1.0	55.3	60.5	5426	43x3 x 2.5	68.7	73.0	8692
48x3 x 1.0	58.4	64.0	6010	48x3 x 2.5	72.7	77.0	9640

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/NC Series, CHJPF/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:****CHJPJ85/NC**
7X2X0.75

型号: **CHJPJ/NC**
 Type: **CHJPJ80/NC**
CHJPJ90/NC
CHJPJ85/NC
CHJPJ95/NC

CHJPF/NC
CHJPF80/NC
CHJPF90/NC
CHJPF86/NC
CHJPF96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJV/NA Series**150/250V**

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable图例 **Example:****CHJV82/NA
7X2X0.75**

型号: **CHJV/NA**
 Type: **CHJV80/NA**
CHJV90/NA
CHJV82/NA
CHJV92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHJPJ/NC, CHJPF/NC Series

(CHJV/NA also can refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.2	9.6	66	9.3	10.5	116	110	11.4	13.0	160	154
2x2 x 0.75	12.4	14.0	125	14.0	15.5	236	223	16.1	18.0	300	287
3x2 x 0.75	13.2	15.0	157	14.8	16.5	276	263	17.1	19.0	350	336
4x2 x 0.75	14.7	16.5	199	16.3	18.0	333	317	18.6	20.5	412	396
5x2 x 0.75	16.1	18.0	236	17.7	20.0	383	366	20.0	22.0	467	450
7x2 x 0.75	17.8	20.0	308	19.4	21.5	472	454	21.9	24.0	572	553
10x2 x 0.75	23.1	25.5	447	24.7	27.0	661	637	27.4	30.0	795	771
12x2 x 0.75	23.9	26.5	508	25.5	28.0	731	707	28.2	31.0	867	842
14x2 x 0.75	25.3	28.0	583	26.9	29.5	821	796	29.8	32.5	976	950
16x2 x 0.75	26.7	29.5	650	28.3	31.5	903	876	31.2	34.0	1063	1035
19x2 x 0.75	28.4	31.5	757	30.0	33.0	1029	1000	32.9	36.0	1195	1166
24x2 x 0.75	33.7	37.0	968	35.8	39.0	1388	1342	39.1	42.5	1617	1571
27x2 x 0.75	34.5	38.0	1058	36.6	40.0	1491	1444	39.9	43.5	1721	1674
30x2 x 0.75	35.9	39.5	1167	38.0	41.5	1621	1572	41.3	45.0	1856	1807
33x2 x 0.75	37.4	41.5	1265	39.5	43.5	1740	1689	43.0	47.0	2000	1949
37x2 x 0.75	39.0	43.0	1406	41.1	45.0	1905	1852	44.6	48.5	2171	2118
43x2 x 0.75	42.5	47.0	1624	44.6	49.0	2172	2114	48.3	52.5	2477	2419
48x2 x 0.75	45.1	49.5	1808	47.2	51.5	2393	2332	51.1	55.5	2734	2672
1x2 x 1.0	9.0	10.5	81	10.1	11.5	136	129	12.2	13.5	183	177
2x2 x 1.0	13.4	15.5	146	15.0	17.0	266	252	17.3	19.0	342	328
3x2 x 1.0	14.5	16.0	193	16.1	18.0	325	310	18.4	20.0	403	388
4x2 x 1.0	15.9	18.0	238	17.5	19.5	383	367	19.8	21.5	466	449
5x2 x 1.0	17.6	19.5	291	19.2	21.0	453	434	21.7	24.0	551	533
7x2 x 1.0	19.4	21.5	380	21.0	23.0	561	541	23.5	25.5	666	646
10x2 x 1.0	25.2	28.0	550	26.8	29.5	786	760	29.7	32.5	941	915
12x2 x 1.0	26.1	29.0	627	27.7	30.5	874	847	30.6	33.5	1031	1004
14x2 x 1.0	27.7	30.5	721	29.3	32.0	986	957	32.2	35.0	1148	1120
16x2 x 1.0	29.2	32.5	804	30.8	34.0	1085	1055	33.9	37.0	1269	1239
19x2 x 1.0	31.1	34.0	938	33.2	36.0	1328	1286	36.3	39.5	1522	1480
24x2 x 1.0	36.9	40.5	1197	39.0	42.5	1663	1613	42.5	46.0	1923	1873
27x2 x 1.0	37.7	41.5	1309	39.8	43.5	1789	1738	43.3	47.0	2050	1999
30x2 x 1.0	39.3	43.0	1446	41.4	45.0	1950	1897	44.9	48.5	2217	2163
33x2 x 1.0	41.1	45.0	1586	43.2	47.0	2117	2061	46.9	51.0	2412	2356
37x2 x 1.0	42.7	47.0	1743	44.8	49.0	2299	2241	48.5	52.5	2600	2542
43x2 x 1.0	46.7	51.0	2035	48.8	53.0	2648	2585	52.7	57.0	2992	2929
48x2 x 1.0	49.5	54.0	2263	51.6	56.0	2918	2851	55.7	60.5	3301	3234

CHJPJ/NC, CHJPF/NC Series

(CHJV/NA also can refer below table)

对数x2x截面积 No of pairs x 2 x cross section area	CHJPPJ/NC, CHJPPF/NC			CHJPPJ80/NC, CHJPPF80/NC CHJPPJ90/NC, CHJPPF90/NC				CHJPPJ85/NC, CHJPPF86/NC CHJPPJ95/NC, CHJPPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	9.6	11.0	95	10.7	12.0	154	147	12.8	14.0	204	197
2x2 x 1.5	14.6	16.5	182	16.2	18.0	314	299	18.5	20.0	393	378
3x2 x 1.5	15.6	17.5	234	17.2	19.0	377	360	19.5	21.0	458	442
4x2 x 1.5	17.3	19.0	298	18.9	21.0	457	440	21.4	23.5	555	537
5x2 x 1.5	18.9	21.0	356	20.5	23.0	531	512	23.0	25.5	634	614
7x2 x 1.5	20.9	23.0	470	22.5	24.5	667	646	25.2	27.5	787	765
10x2 x 1.5	27.4	30.0	691	29.0	31.5	952	924	31.9	34.5	1114	1086
12x2 x 1.5	28.4	31.0	791	30.0	32.5	1065	1036	32.9	35.5	1229	1200
14x2 x 1.5	29.8	33.0	895	31.4	34.5	1185	1155	34.5	37.5	1369	1339
16x2 x 1.5	31.7	35.0	1017	33.8	37.0	1418	1375	36.9	40.0	1612	1569
19x2 x 1.5	33.7	37.0	1187	35.8	39.0	1618	1572	39.1	42.5	1836	1790
24x2 x 1.5	40.0	44.0	1512	42.1	46.0	2027	1973	45.8	50.0	2317	2263
27x2 x 1.5	41.1	45.0	1678	43.2	47.0	2213	2157	46.9	50.5	2504	2448
30x2 x 1.5	42.6	46.5	1832	44.7	49.0	2391	2333	48.4	52.5	2687	2629
33x2 x 1.5	44.6	48.5	2011	46.7	50.5	2601	2540	50.6	54.5	2927	2866
37x2 x 1.5	46.5	50.5	2235	48.6	53.0	2856	2793	52.5	57.0	3188	3125
43x2 x 1.5	50.7	55.5	2582	52.8	57.5	3266	3197	56.9	61.5	3644	3575
48x2 x 1.5	53.7	58.5	2872	55.8	61.0	3603	3530	60.1	65.0	4021	3948
1x2 x 2.5	10.6	12.0	125	12.2	13.5	222	211	14.3	15.5	277	266
2x2 x 2.5	16.2	17.5	240	17.8	19.0	388	371	20.1	21.5	472	456
3x2 x 2.5	17.5	19.0	325	19.1	20.5	487	469	21.6	23.0	584	566
4x2 x 2.5	19.5	21.0	417	21.1	22.5	600	580	23.6	25.0	703	683
5x2 x 2.5	21.4	23.0	501	23.0	24.5	704	682	25.7	27.5	825	803
7x2 x 2.5	23.6	25.5	667	25.2	27.0	896	872	27.9	29.5	1022	998
10x2 x 2.5	30.9	33.0	973	33.0	35.0	1363	1321	36.1	38.5	1554	1512
12x2 x 2.5	32.0	34.0	1122	34.1	36.5	1531	1488	37.4	39.5	1740	1696
14x2 x 2.5	33.9	36.0	1293	36.0	38.5	1731	1685	39.3	41.5	1945	1899
16x2 x 2.5	36.0	38.5	1468	38.1	40.5	1938	1889	41.6	44.0	2178	2129
19x2 x 2.5	38.2	41.0	1715	40.3	43.0	2221	2169	43.8	46.5	2466	2414
24x2 x 2.5	45.3	48.0	2178	47.4	50.5	2783	2722	51.3	54.5	3108	3047
27x2 x 2.5	46.6	49.5	2421	48.7	51.5	3053	2989	52.6	55.5	3376	3313
30x2 x 2.5	48.3	51.5	2651	50.4	53.5	3312	3247	54.5	57.5	3664	3599
33x2 x 2.5	50.5	53.5	2907	52.6	56.0	3605	3537	56.7	60.0	3965	3897
37x2 x 2.5	52.7	56.0	3235	54.8	58.0	3973	3902	59.1	62.5	4364	4293
43x2 x 2.5	57.6	61.0	3765	59.7	63.0	4582	4504	64.2	68.0	5024	4946
48x2 x 2.5	61.0	64.5	4186	63.1	67.0	5061	4979	67.8	71.5	5547	5465

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/NC, CHJPF/NC Series

(CHJV/NA also can refer below table)

对数x3x截面积 No of triples x 3 x cross section area	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 0.75	8.9	10.0	83	10.0	11.5	137	131	12.1	13.5	184	177
2x3 x 0.75	14.1	16.0	162	15.7	17.5	289	274	18.0	20.0	366	351
3x3 x 0.75	15.0	17.0	207	16.6	18.5	343	328	18.9	20.5	422	406
4x3 x 0.75	16.6	18.5	262	18.2	20.0	414	397	20.7	22.5	508	490
5x3 x 0.75	18.2	20.5	311	19.8	22.0	478	460	22.3	24.5	579	560
7x3 x 0.75	20.1	22.5	409	21.7	24.0	597	576	24.2	26.5	702	682
10x3 x 0.75	26.2	29.0	591	27.8	30.5	837	810	30.7	33.5	995	969
12x3 x 0.75	27.1	30.0	674	28.7	31.5	931	904	31.6	34.5	1092	1064
14x3 x 0.75	28.7	31.5	776	30.3	33.0	1051	1022	33.4	36.5	1232	1203
16x3 x 0.75	30.5	33.5	880	32.6	35.5	1261	1219	35.7	39.0	1453	1411
19x3 x 0.75	32.2	35.5	1010	34.3	37.5	1416	1372	37.6	41.0	1630	1586
24x3 x 0.75	38.4	42.0	1306	40.5	44.5	1793	1741	44.0	48.0	2059	2007
27x3 x 0.75	39.3	43.0	1430	41.4	45.0	1933	1880	44.9	48.5	2199	2146
30x3 x 0.75	40.9	45.0	1578	43.0	47.0	2106	2051	46.7	50.5	2398	2343
33x3 x 0.75	42.6	47.0	1711	44.7	49.0	2264	2206	48.4	52.5	2564	2506
37x3 x 0.75	44.5	48.5	1903	46.6	51.0	2486	2426	50.5	55.0	2815	2755
43x3 x 0.75	48.4	53.5	2196	50.5	55.5	2836	2770	54.6	59.5	3210	3144
48x3 x 0.75	51.3	56.5	2443	53.4	58.5	3126	3057	57.5	62.5	3514	3445
1x3 x 1.0	9.5	11.0	98	10.6	12.0	156	150	12.7	14.0	204	198
2x3 x 1.0	15.2	17.0	192	16.8	18.5	329	313	19.1	21.0	410	395
3x3 x 1.0	16.2	18.5	248	17.8	20.0	396	379	20.1	22.0	479	463
4x3 x 1.0	18.0	20.0	316	19.6	21.5	482	463	22.1	24.0	581	563
5x3 x 1.0	19.9	22.0	387	21.5	24.0	572	551	24.0	26.5	678	657
7x3 x 1.0	22.0	24.5	510	23.6	26.0	718	695	26.3	28.5	841	819
10x3 x 1.0	28.6	31.5	734	30.2	33.0	1007	977	33.3	36.0	1189	1160
12x3 x 1.0	29.6	33.0	842	31.2	34.5	1128	1098	34.3	37.5	1311	1281
14x3 x 1.0	31.3	34.5	968	33.4	36.5	1362	1319	36.5	39.5	1554	1512
16x3 x 1.0	33.3	36.5	1098	35.4	38.5	1520	1475	38.7	42.0	1738	1693
19x3 x 1.0	35.2	39.0	1265	37.3	41.0	1716	1668	40.6	44.0	1939	1891
24x3 x 1.0	42.0	46.0	1630	44.1	48.0	2172	2115	47.8	52.0	2471	2414
27x3 x 1.0	42.9	47.0	1787	45.0	49.5	2347	2289	48.7	53.0	2646	2588
30x3 x 1.0	44.8	49.0	1974	46.9	51.0	2564	2503	50.8	55.0	2893	2832
33x3 x 1.0	46.7	51.0	2163	48.8	53.0	2783	2720	52.7	57.0	3119	3055
37x3 x 1.0	48.6	53.5	2383	50.7	55.5	3034	2968	54.8	59.5	3400	3335
43x3 x 1.0	53.2	58.0	2778	55.3	60.5	3498	3427	59.6	64.5	3915	3843
48x3 x 1.0	56.3	61.5	3087	58.4	64.0	3856	3780	62.9	68.5	4317	4241

CHJPJ/NC, CHJPF/NC Series

(CHJV/NA also can refer below table)

对数x3x截面面积 No of triples x 3 x cross section area	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 1.5	10.2	11.5	119	11.8	13.0	212	201	13.9	15.0	265	254
2x3 x 1.5	16.3	18.5	233	17.9	20.0	381	364	20.2	22.5	466	449
3x3 x 1.5	17.6	19.5	314	19.2	21.0	477	459	21.7	23.5	574	556
4x3 x 1.5	19.6	21.5	402	21.2	23.0	585	565	23.7	25.5	689	669
5x3 x 1.5	21.5	24.0	483	23.1	25.5	686	664	25.8	28.5	807	785
7x3 x 1.5	23.7	26.0	640	25.3	27.5	868	844	28.0	30.5	996	971
10x3 x 1.5	31.1	34.0	936	33.2	36.0	1326	1284	36.3	39.5	1519	1477
12x3 x 1.5	32.1	35.5	1077	34.2	37.5	1485	1441	37.5	41.0	1695	1651
14x3 x 1.5	34.0	37.5	1240	36.1	39.5	1677	1630	39.4	43.0	1893	1847
16x3 x 1.5	36.2	39.5	1409	38.3	41.5	1878	1829	41.8	45.5	2120	2071
19x3 x 1.5	38.4	42.0	1644	40.5	44.0	2148	2096	44.0	47.5	2397	2345
24x3 x 1.5	45.6	50.0	2089	47.7	52.0	2693	2631	51.6	56.0	3023	2961
27x3 x 1.5	46.8	51.0	2320	48.9	53.0	2949	2885	52.8	57.0	3277	3214
30x3 x 1.5	48.6	53.0	2539	50.7	55.0	3198	3132	54.8	59.5	3557	3491
33x3 x 1.5	50.7	55.5	2783	52.8	57.5	3477	3408	56.9	62.0	3842	3774
37x3 x 1.5	53.0	58.0	3097	55.1	60.0	3831	3760	59.4	64.5	4230	4158
43x3 x 1.5	57.9	63.0	3604	60.0	65.0	4416	4338	64.5	69.5	4867	4789
48x3 x 1.5	61.3	67.0	4006	63.4	69.0	4875	4792	68.1	74.0	5371	5288
1x3 x 2.5	11.5	12.5	166	13.1	14.5	272	260	15.2	16.5	329	316
2x3 x 2.5	18.4	20.0	326	20.0	21.5	496	477	22.5	24.0	596	577
3x3 x 2.5	19.8	21.5	445	21.4	23.0	632	612	23.9	25.5	735	714
4x3 x 2.5	22.0	24.0	572	23.6	25.5	783	761	26.3	28.0	904	881
5x3 x 2.5	24.2	26.0	692	25.8	27.5	927	902	28.5	30.5	1054	1029
7x3 x 2.5	26.7	28.5	926	28.3	30.5	1193	1166	31.2	33.0	1337	1310
10x3 x 2.5	35.0	37.5	1345	37.1	39.5	1798	1750	40.4	43.0	2015	1968
12x3 x 2.5	36.5	39.0	1577	38.6	41.0	2058	2008	42.1	44.5	2294	2245
14x3 x 2.5	38.6	41.0	1818	40.7	43.5	2333	2281	44.2	47.0	2574	2521
16x3 x 2.5	41.0	43.5	2063	43.1	46.0	2616	2561	46.8	49.5	2886	2830
19x3 x 2.5	43.3	46.0	2394	45.4	48.0	2989	2930	49.1	52.0	3260	3201
24x3 x 2.5	51.8	55.0	3083	53.9	57.0	3804	3734	58.0	61.5	4165	4095
27x3 x 2.5	53.0	56.5	3403	55.1	58.5	4153	4081	59.4	63.0	4536	4465
30x3 x 2.5	55.2	58.5	3759	57.3	60.5	4550	4476	61.6	65.0	4937	4863
33x3 x 2.5	57.6	61.0	4120	59.7	63.0	4955	4877	64.2	68.0	5377	5299
37x3 x 2.5	60.1	64.0	4586	62.2	66.0	5471	5390	66.9	70.5	5925	5844
43x3 x 2.5	65.7	69.5	5331	67.8	71.5	6314	6225	72.7	77.0	6823	6735
48x3 x 2.5	69.6	73.5	5927	71.7	76.0	6982	6888	76.8	81.0	7540	7447

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/NC Series,CHJFP/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:****CHJJP86/NC**
7X2X1.5

型号: **CHJJP/NC**
 Type: **CHJJP80/NC**
CHJJP90/NC
CHJJP85/NC
CHJJP95/NC

CHJFP/NC
CHJFP80/NC
CHJFP90/NC
CHJFP86/NC
CHJFP96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJVP/NA Series**150/250V**

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable

图例 **Example:****CHJVP82/NA
7X2X0.75**

型号: **CHJVP/NA**
 Type: **CHJVP80/NA**
CHJVP90/NA
CHJVP82/NA
CHJVP92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHJJP/NC, CHJFP/NC (Al-foil)

(CHJVP/NA Series可参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJP/NC, CHJPF/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.7	9.8	77	9.8	11.0	130	124	11.9	13.0	177	171
2x2 x 0.75	14.0	16.0	152	15.6	17.5	278	263	17.9	19.5	356	341
3x2 x 0.75	14.9	16.5	192	16.5	18.5	327	311	18.8	20.5	407	391
4x2 x 0.75	16.6	18.5	243	18.2	20.0	394	377	20.7	22.5	490	473
5x2 x 0.75	18.1	20.0	287	19.7	22.0	452	434	22.2	24.5	555	536
7x2 x 0.75	20.0	22.5	375	21.6	24.0	560	540	24.1	26.5	669	648
10x2 x 0.75	26.0	28.5	542	27.6	30.5	784	757	30.5	34.0	945	919
12x2 x 0.75	26.9	30.0	617	28.5	31.5	870	843	31.4	34.5	1033	1005
14x2 x 0.75	28.5	31.5	708	30.1	33.0	978	949	33.2	36.0	1163	1134
16x2 x 0.75	30.4	34.0	804	32.5	35.5	1180	1139	35.6	38.5	1377	1335
19x2 x 0.75	32.0	35.5	919	34.1	37.5	1318	1275	37.4	41.0	1537	1493
24x2 x 0.75	38.2	42.0	1192	40.3	44.0	1672	1620	43.8	47.5	1942	1890
27x2 x 0.75	39.1	43.0	1302	41.2	45.0	1797	1744	44.7	48.5	2069	2016
30x2 x 0.75	40.5	44.5	1417	42.6	46.5	1933	1878	46.3	50.5	2231	2176
33x2 x 0.75	42.4	46.5	1555	44.5	48.5	2098	2041	48.2	52.5	2405	2348
37x2 x 0.75	44.2	48.5	1726	46.3	50.5	2297	2237	50.2	54.5	2634	2574
43x2 x 0.75	48.2	53.0	1993	50.3	55.0	2620	2555	54.4	59.0	3004	2939
48x2 x 0.75	51.1	56.0	2216	53.2	58.0	2886	2817	57.3	62.5	3286	3216
1x2 x 1.0	9.3	10.5	89	10.4	11.5	146	139	12.5	14.0	194	188
2x2 x 1.0	15.1	17.0	176	16.7	18.5	312	296	19.0	20.5	394	378
3x2 x 1.0	16.1	18.0	225	17.7	19.5	371	354	20.0	22.0	455	439
4x2 x 1.0	17.9	20.0	285	19.5	21.5	449	430	22.0	24.0	550	531
5x2 x 1.0	19.8	22.0	348	21.4	23.5	530	510	23.9	26.0	639	618
7x2 x 1.0	21.6	24.0	445	23.2	25.5	647	624	25.9	28.5	772	750
10x2 x 1.0	28.4	31.0	656	30.0	33.0	923	894	32.9	35.5	1094	1065
12x2 x 1.0	29.3	32.5	747	30.9	34.0	1026	996	34.0	37.0	1214	1184
14x2 x 1.0	31.1	34.0	859	33.2	36.0	1246	1203	36.3	39.5	1443	1401
16x2 x 1.0	33.1	36.0	974	35.2	38.5	1388	1343	38.5	41.5	1612	1566
19x2 x 1.0	34.9	38.5	1116	37.0	40.5	1556	1509	40.3	44.0	1787	1739
24x2 x 1.0	41.6	45.5	1442	43.7	47.5	1971	1914	47.4	51.5	2277	2221
27x2 x 1.0	42.6	46.5	1577	44.7	49.0	2123	2066	48.4	52.5	2432	2374
30x2 x 1.0	44.4	48.5	1740	46.5	50.5	2314	2254	50.4	54.5	2652	2592
33x2 x 1.0	46.3	50.5	1906	48.4	52.5	2509	2446	52.3	56.5	2855	2792
37x2 x 1.0	48.2	52.5	2095	50.3	55.0	2727	2662	54.4	59.0	3106	3041
43x2 x 1.0	52.7	57.5	2442	54.8	59.5	3140	3069	59.1	64.0	3571	3500
48x2 x 1.0	55.8	61.0	2713	57.9	63.0	3458	3383	62.2	67.5	3906	3830

CHJJP/NC, CHJFP/NC (Al-foil)

(CHJVP/NA Series可参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
No.x 2xmm ²											
1x2 x 1.5	9.9	11.5	104	11.0	12.5	165	158	13.1	14.5	216	209
2x2 x 1.5	16.2	18.0	207	17.8	20.0	353	336	20.1	22.0	439	423
3x2 x 1.5	17.4	19.5	275	19.0	21.0	434	416	21.5	23.5	533	515
4x2 x 1.5	19.4	21.5	350	21.0	23.0	529	509	23.5	25.5	635	615
5x2 x 1.5	21.2	23.5	417	22.8	25.0	614	592	25.5	27.5	739	717
7x2 x 1.5	23.4	26.0	550	25.0	27.5	771	747	27.7	30.0	902	878
10x2 x 1.5	30.7	33.5	806	32.8	35.5	1186	1144	35.9	39.0	1384	1342
12x2 x 1.5	31.8	35.0	923	33.9	37.0	1320	1277	37.0	40.0	1520	1476
14x2 x 1.5	33.6	37.0	1060	35.7	39.0	1483	1438	39.0	42.0	1707	1661
16x2 x 1.5	35.8	39.0	1203	37.9	41.0	1657	1609	41.2	44.5	1889	1841
19x2 x 1.5	37.8	41.5	1383	39.9	43.5	1868	1816	43.4	47.0	2126	2074
24x2 x 1.5	45.1	49.5	1781	47.2	51.5	2364	2303	51.1	55.5	2707	2646
27x2 x 1.5	46.3	50.5	1973	48.4	52.5	2579	2516	52.3	56.5	2923	2860
30x2 x 1.5	48.0	52.5	2153	50.1	54.5	2786	2721	54.2	58.5	3161	3096
33x2 x 1.5	50.1	54.5	2359	52.2	56.5	3025	2957	56.3	61.0	3409	3341
37x2 x 1.5	52.3	57.0	2621	54.4	59.0	3324	3253	58.7	63.5	3742	3671
43x2 x 1.5	57.2	62.0	3052	59.3	64.5	3829	3752	63.8	69.0	4302	4225
48x2 x 1.5	60.6	66.0	3391	62.7	68.0	4222	4140	67.4	73.0	4743	4661
1x2 x 2.5	10.9	12.0	135	12.5	13.0	235	223	14.6	16.0	291	279
2x2 x 2.5	18.1	19.5	277	19.7	21.0	442	423	22.2	24.0	544	525
3x2 x 2.5	19.5	21.0	372	21.1	22.5	553	533	23.6	25.0	659	639
4x2 x 2.5	21.5	23.0	466	23.1	25.0	668	646	25.8	27.5	791	769
5x2 x 2.5	23.8	25.5	571	25.4	27.0	797	772	28.1	30.0	929	904
7x2 x 2.5	26.3	28.5	758	27.9	30.0	1013	986	30.8	33.0	1165	1138
10x2 x 2.5	34.5	37.0	1105	36.6	39.0	1540	1493	39.9	42.5	1768	1721
12x2 x 2.5	35.9	38.5	1289	38.0	40.5	1749	1700	41.3	44.0	1977	1928
14x2 x 2.5	37.8	40.5	1464	39.9	42.5	1953	1902	43.4	46.0	2207	2156
16x2 x 2.5	40.2	43.0	1662	42.3	45.0	2187	2132	46.0	48.5	2471	2416
19x2 x 2.5	42.6	45.5	1939	44.7	47.5	2503	2446	48.4	51.5	2794	2736
24x2 x 2.5	50.8	54.0	2485	52.9	56.0	3165	3096	57.0	60.5	3549	3480
27x2 x 2.5	52.1	55.5	2757	54.2	57.5	3465	3394	58.5	62.0	3873	3803
30x2 x 2.5	54.1	57.5	3017	56.2	59.5	3759	3686	60.5	64.0	4174	4101
33x2 x 2.5	56.5	60.0	3306	58.6	62.0	4088	4012	63.1	66.5	4541	4465
37x2 x 2.5	59.0	62.5	3676	61.1	64.5	4504	4424	65.6	69.5	4964	4884
43x2 x 2.5	64.4	68.5	4273	66.5	70.5	5189	5102	71.4	75.5	5740	5653
48x2 x 2.5	68.5	72.5	4781	70.6	74.5	5766	5674	75.7	80.0	6372	6280

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/NC, CHJFP/NC (Al-foil)

(CHJVP/NA Series可参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	9.2	10.5	94	10.3	11.5	150	144	12.4	13.5	198	191
2x3 x 0.75	15.5	17.5	191	17.1	19.0	331	315	19.4	21.5	413	397
3x3 x 0.75	16.8	18.5	253	18.4	20.5	406	389	20.9	23.0	502	484
4x3 x 0.75	18.4	20.5	312	20.0	22.0	481	462	22.5	24.5	583	564
5x3 x 0.75	20.4	22.5	382	22.0	24.5	571	550	24.5	27.0	680	659
7x3 x 0.75	22.5	25.0	502	24.1	26.5	714	691	26.8	29.0	840	817
10x3 x 0.75	29.3	32.5	723	30.9	34.0	1001	971	34.0	37.0	1188	1158
12x3 x 0.75	30.5	33.5	841	32.6	35.5	1220	1178	35.7	39.0	1413	1372
14x3 x 0.75	32.1	35.5	951	34.2	37.5	1353	1309	37.5	41.0	1569	1525
16x3 x 0.75	34.2	37.5	1079	36.3	39.5	1510	1463	39.6	43.0	1735	1689
19x3 x 0.75	36.3	40.0	1257	38.4	42.0	1719	1670	41.9	45.5	1970	1921
24x3 x 0.75	43.0	47.5	1599	45.1	49.5	2151	2092	48.8	53.5	2459	2401
27x3 x 0.75	44.2	48.5	1772	46.3	50.5	2345	2285	50.2	54.5	2679	2619
30x3 x 0.75	45.9	50.5	1934	48.0	52.5	2534	2472	51.9	56.5	2874	2812
33x3 x 0.75	47.9	52.5	2120	50.0	54.5	2751	2686	53.9	58.5	3098	3033
37x3 x 0.75	50.0	54.5	2355	52.1	55.0	3020	2952	56.2	61.0	3401	3333
43x3 x 0.75	54.7	59.5	2744	56.8	62.0	3479	3405	61.1	66.0	3912	3838
48x3 x 0.75	57.9	63.5	3048	60.0	65.5	3833	3754	64.5	70.0	4311	4233
1x3 x 1.0	9.8	11.0	110	10.9	12.0	170	164	13.0	14.5	219	212
2x3 x 1.0	17.0	19.0	231	18.6	20.5	385	367	21.1	23.0	483	465
3x3 x 1.0	18.1	20.0	299	19.7	21.5	465	446	22.2	24.0	565	546
4x3 x 1.0	20.1	22.5	380	21.7	24.0	566	546	24.2	26.5	674	653
5x3 x 1.0	22.3	24.5	465	23.9	26.0	673	650	26.6	29.0	801	778
7x3 x 1.0	24.3	27.0	600	25.9	28.5	831	806	28.6	31.5	964	939
10x3 x 1.0	31.9	34.0	879	34.0	37.5	1275	1232	37.1	40.5	1477	1433
12x3 x 1.0	33.2	36.5	1024	35.3	38.5	1441	1396	38.6	42.0	1662	1616
14x3 x 1.0	35.0	38.5	1160	37.1	40.5	1604	1556	40.4	44.0	1831	1783
16x3 x 1.0	37.2	41.0	1316	39.3	43.0	1791	1740	42.8	46.5	2046	1995
19x3 x 1.0	39.5	43.0	1534	41.6	45.5	2045	1991	45.1	49.0	2307	2253
24x3 x 1.0	47.1	51.5	1972	49.2	53.5	2586	2523	53.1	57.5	2935	2871
27x3 x 1.0	48.1	52.5	2162	50.2	55.0	2797	2732	54.3	59.0	3169	3104
30x3 x 1.0	50.2	55.0	2386	52.3	55.0	3055	2987	56.4	61.0	3435	3368
33x3 x 1.0	52.4	57.0	2613	54.5	59.0	3317	3246	58.8	63.5	3734	3663
37x3 x 1.0	54.7	59.5	2903	56.8	61.5	3646	3572	61.1	66.0	4071	3997
43x3 x 1.0	59.8	65.0	3378	61.9	67.0	4200	4119	66.4	71.5	4681	4600
48x3 x 1.0	63.3	69.0	3752	65.4	71.0	4630	4545	70.1	76.0	5160	5074

CHJJP/NC, CHJFP/NC (Al-foil)

(CHJVP/NA Series可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.5	12.0	131	12.1	13.5	227	216	14.2	15.5	281	270
2x3 x 1.5	18.2	20.0	275	19.8	22.0	441	422	22.3	24.5	542	524
3x3 x 1.5	19.6	21.5	369	21.2	23.0	551	530	23.7	25.5	656	636
4x3 x 1.5	21.6	24.0	461	23.2	25.5	663	641	25.9	28.5	787	765
5x3 x 1.5	23.9	26.5	565	25.5	28.0	791	767	28.2	30.5	923	899
7x3 x 1.5	26.4	29.0	749	28.0	30.5	1005	978	30.9	33.5	1156	1129
10x3 x 1.5	34.6	38.0	1092	36.7	40.0	1528	1481	40.0	43.5	1756	1708
12x3 x 1.5	36.0	39.5	1274	38.1	41.5	1734	1685	41.6	45.0	1982	1933
14x3 x 1.5	37.9	41.5	1447	40.0	43.5	1936	1885	43.5	47.5	2190	2138
16x3 x 1.5	40.3	44.0	1641	42.4	46.0	2166	2111	46.1	50.0	2451	2396
19x3 x 1.5	42.8	47.0	1916	44.9	49.0	2481	2423	48.6	52.5	2773	2715
24x3 x 1.5	50.9	55.5	2454	53.0	58.0	3134	3065	57.1	62.0	3518	3449
27x3 x 1.5	52.3	57.0	2723	54.4	59.0	3431	3360	58.7	63.5	3842	3771
30x3 x 1.5	54.5	59.0	3004	56.6	61.5	3750	3676	60.9	66.0	4168	4094
33x3 x 1.5	56.7	62.0	3264	58.8	64.0	4046	3970	63.3	68.5	4502	4425
37x3 x 1.5	59.1	64.5	3628	61.2	66.5	4455	4375	65.7	71.0	4916	4836
43x3 x 1.5	64.6	70.5	4219	66.7	72.5	5134	5047	71.6	77.5	5687	5600
48x3 x 1.5	68.7	74.5	4720	70.8	76.5	5705	5612	75.9	82.0	6313	6221
1x3 x 2.5	11.8	13.0	180	13.4	14.5	289	277	15.5	16.5	346	334
2x3 x 2.5	20.4	22.0	372	22.0	23.5	560	539	24.5	26.0	670	649
3x3 x 2.5	22.0	24.0	507	23.6	25.5	715	692	26.3	28.0	838	815
4x3 x 2.5	24.2	26.0	638	25.8	27.5	870	845	28.5	30.5	1000	975
5x3 x 2.5	26.8	29.0	783	28.4	30.5	1043	1016	31.3	33.5	1197	1169
7x3 x 2.5	29.6	31.5	1046	31.2	33.5	1342	1312	34.3	36.5	1516	1485
10x3 x 2.5	39.0	41.5	1536	41.1	43.5	2041	1988	44.6	47.5	2299	2246
12x3 x 2.5	40.4	43.0	1778	42.5	45.0	2311	2256	46.2	49.0	2589	2534
14x3 x 2.5	42.8	45.5	2048	44.9	47.5	2620	2562	48.6	51.5	2905	2847
16x3 x 2.5	45.5	48.5	2324	47.6	50.5	2939	2877	51.5	54.5	3256	3194
19x3 x 2.5	48.2	51.5	2716	50.3	53.5	3380	3314	54.4	57.5	3725	3660
24x3 x 2.5	57.6	61.0	3494	59.7	63.0	4298	4220	64.2	68.0	4750	4673
27x3 x 2.5	58.9	62.5	3852	61.0	64.5	4688	4608	65.5	69.0	5136	5056
30x3 x 2.5	61.4	65.0	4253	63.5	67.0	5136	5053	68.2	72.0	5620	5537
33x3 x 2.5	64.1	68.0	4658	66.2	70.0	5590	5503	71.1	75.0	6116	6030
37x3 x 2.5	66.8	71.0	5180	68.9	73.0	6167	6077	73.8	78.0	6697	6607
43x3 x 2.5	73.0	77.5	6017	75.1	79.5	7113	7014	80.4	85.0	7743	7645
48x3 x 2.5	77.5	82.0	6722	79.6	84.0	7901	7797	85.1	90.0	8590	8486

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/NC, CHJFP/NC (铜丝)

(CHJVP/NA Series可参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJPJ/NC, CHJPF/NC			CHJJPJ80/NC, CHJFPF80/NC CHJJPJ90/NC, CHJFPF90/NC				CHJJPJ85/NC, CHJFPF86/NC CHJJPJ95/NC, CHJFPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	9.4	10.5	131	10.5	12.0	190	184	12.6	14.0	237	231
2x2 x 0.75	15.2	17.0	259	16.8	18.5	400	384	19.1	21.0	478	463
3x2 x 0.75	16.2	18.0	349	17.8	20.0	502	485	20.1	22.0	581	564
4x2 x 0.75	18.0	20.0	451	19.6	21.5	624	605	22.1	24.0	717	698
5x2 x 0.75	19.9	22.0	555	21.5	23.5	748	728	24.0	26.0	847	826
7x2 x 0.75	22.0	24.5	745	23.6	26.0	965	942	26.3	28.5	1077	1055
10x2 x 0.75	28.5	31.5	1069	30.1	33.0	1358	1328	33.2	36.0	1523	1494
12x2 x 0.75	29.5	32.5	1243	31.1	34.0	1548	1518	34.2	37.5	1713	1683
14x2 x 0.75	31.3	34.5	1437	33.4	36.5	1855	1812	36.5	39.5	2025	1983
16x2 x 0.75	33.3	36.5	1635	35.4	38.5	2084	2039	38.7	42.0	2276	2231
19x2 x 0.75	35.1	38.5	1901	37.2	41.0	2383	2335	40.5	44.0	2575	2527
24x2 x 0.75	41.9	46.0	2434	44.0	48.0	3016	2959	47.7	51.5	3275	3218
27x2 x 0.75	42.8	47.0	2692	44.9	49.0	3296	3238	48.6	53.0	3550	3492
30x2 x 0.75	44.6	48.5	2978	46.7	51.0	3616	3555	50.6	55.0	3894	3834
33x2 x 0.75	46.6	51.0	3269	48.7	53.0	3943	3880	52.6	57.0	4224	4161
37x2 x 0.75	48.5	53.0	3623	50.6	55.0	4335	4269	54.7	59.5	4640	4574
43x2 x 0.75	53.0	58.0	4217	55.1	60.0	5007	4936	59.4	64.5	5352	5281
48x2 x 0.75	56.2	61.5	4696	58.3	63.5	5545	5469	62.8	68.0	5925	5849
1x2 x 1.0	10.0	11.5	147	11.1	12.5	210	203	13.2	14.5	260	253
2x2 x 1.0	16.2	18.5	292	17.8	20.0	442	426	20.1	22.0	524	507
3x2 x 1.0	17.5	19.5	403	19.1	21.0	569	551	21.6	23.5	662	644
4x2 x 1.0	19.5	21.5	520	21.1	23.0	708	688	23.6	25.5	807	787
5x2 x 1.0	21.3	24.0	630	22.9	25.5	838	817	25.6	28.0	953	931
7x2 x 1.0	23.6	26.0	848	25.2	27.5	1086	1062	27.9	30.5	1203	1179
10x2 x 1.0	30.9	34.0	1232	33.0	36.0	1635	1593	36.1	39.0	1813	1770
12x2 x 1.0	32.0	35.0	1433	34.1	37.5	1858	1814	37.4	40.5	2051	2007
14x2 x 1.0	33.8	37.0	1655	35.9	39.0	2110	2064	39.2	42.5	2305	2259
16x2 x 1.0	36.0	39.5	1882	38.1	41.5	2372	2323	41.6	45.0	2592	2543
19x2 x 1.0	38.2	41.5	2207	40.3	44.0	2737	2685	43.8	47.5	2957	2905
24x2 x 1.0	45.3	49.5	2799	47.4	51.5	3435	3374	51.3	55.5	3729	3668
27x2 x 1.0	46.5	50.5	3119	48.6	52.5	3784	3721	52.5	56.5	4072	4009
30x2 x 1.0	48.3	52.5	3427	50.4	55.0	4127	4062	54.5	59.0	4441	4375
33x2 x 1.0	50.4	55.0	3760	52.5	57.0	4499	4431	56.6	61.5	4815	4747
37x2 x 1.0	52.6	57.0	4191	54.7	59.5	4976	4905	59.0	64.0	5318	5247
43x2 x 1.0	57.5	62.5	4876	59.6	64.5	5748	5670	64.1	69.0	6133	6055
48x2 x 1.0	61.0	66.5	5428	63.1	68.5	6365	6283	67.8	73.5	6789	6707

CHJJP/NC, CHJFP/NC (铜丝)

(CHJVP/NA Series可参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	10.6	12.0	167	12.2	13.5	266	255	14.3	15.5	319	308
2x2 x 1.5	17.5	19.5	340	19.1	21.0	503	485	21.6	23.5	599	581
3x2 x 1.5	18.7	21.0	461	20.3	22.5	640	621	22.8	25.0	736	717
4x2 x 1.5	20.8	23.0	596	22.4	24.5	799	777	25.1	27.0	912	890
5x2 x 1.5	23.0	25.5	734	24.6	27.0	961	938	27.3	29.5	1081	1057
7x2 x 1.5	25.4	28.0	987	27.0	29.5	1246	1220	29.9	32.5	1381	1355
10x2 x 1.5	33.2	36.0	1431	35.3	38.5	1869	1823	38.6	41.5	2070	2025
12x2 x 1.5	34.4	37.5	1666	36.5	39.5	2128	2082	39.8	43.0	2328	2281
14x2 x 1.5	36.4	39.5	1925	38.5	42.0	2422	2372	42.0	45.5	2642	2592
16x2 x 1.5	38.7	42.0	2188	40.8	44.0	2723	2670	44.3	48.0	2948	2895
19x2 x 1.5	41.1	45.0	2567	43.2	47.0	3147	3091	46.9	50.5	3393	3337
24x2 x 1.5	48.7	53.0	3253	50.8	55.0	3949	3883	54.9	59.5	4274	4208
27x2 x 1.5	50.0	54.5	3625	52.1	56.5	4353	4286	56.2	60.5	4672	4605
30x2 x 1.5	52.1	56.5	4008	54.2	58.5	4778	4708	58.5	63.0	5125	5054
33x2 x 1.5	54.4	59.0	4397	56.5	61.0	5211	5138	60.8	65.5	5560	5487
37x2 x 1.5	56.6	61.5	4874	58.7	63.5	5736	5660	63.2	68.5	6112	6035
43x2 x 1.5	61.8	67.0	5667	63.9	69.5	6625	6541	68.6	74.0	7046	6962
48x2 x 1.5	65.7	71.0	6338	67.8	73.5	7371	7283	72.7	78.5	7833	7745
1x2 x 2.5	11.8	13.0	211	13.4	14.5	322	309	15.5	16.5	378	366
2x2 x 2.5	19.5	21.0	428	21.1	22.5	612	592	23.6	25.0	714	694
3x2 x 2.5	20.8	22.5	582	22.4	24.0	784	763	25.1	27.0	898	876
4x2 x 2.5	23.1	25.0	753	24.7	26.5	982	958	27.4	29.0	1101	1078
5x2 x 2.5	25.6	27.5	928	27.2	29.0	1186	1160	30.1	32.0	1326	1299
7x2 x 2.5	28.2	30.5	1251	29.8	32.0	1546	1517	32.7	35.0	1686	1657
10x2 x 2.5	37.0	39.5	1810	39.1	41.5	2308	2257	42.6	45.0	2538	2488
12x2 x 2.5	38.5	41.0	2130	40.6	43.0	2660	2607	44.1	46.5	2886	2834
14x2 x 2.5	40.5	43.0	2441	42.6	45.5	3008	2953	46.3	49.0	3255	3200
16x2 x 2.5	43.1	46.0	2776	45.2	48.0	3388	3329	48.9	52.0	3640	3581
19x2 x 2.5	45.7	48.5	3257	47.8	50.5	3921	3859	51.7	54.5	4195	4133
24x2 x 2.5	54.7	58.0	4177	56.8	60.0	4984	4910	61.1	64.5	5347	5273
27x2 x 2.5	55.9	59.5	4627	58.0	61.5	5469	5394	62.3	66.0	5821	5745
30x2 x 2.5	58.2	62.0	5115	60.3	64.0	6006	5928	64.8	68.5	6386	6308
33x2 x 2.5	60.8	64.5	5611	62.9	66.5	6555	6473	67.6	71.5	6967	6885
37x2 x 2.5	63.4	67.0	6252	65.5	69.5	7256	7171	70.2	74.0	7665	7579
43x2 x 2.5	69.3	73.5	7265	71.4	75.5	8383	8290	76.5	81.0	8874	8781
48x2 x 2.5	73.6	78.0	8118	75.7	80.0	9325	9226	81.0	85.5	9860	9761

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/NC, CHJPFP/NC (铜丝)

(CHJVP/NA Series可参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHJJP/NC, CHJPFP/NC			CHJJP80/NC, CHJPFP80/NC CHJJP90/NC, CHJPFP90/NC				CHJJP85/NC, CHJPFP86/NC CHJJP95/NC, CHJPFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	9.6	11.0	150	10.7	12.0	211	205	12.8	14.0	257	251
2x3 x 0.75	16.6	18.5	311	18.2	20.0	465	448	20.7	22.5	557	539
3x3 x 0.75	17.7	19.5	419	19.3	21.0	588	570	21.8	24.0	680	662
4x3 x 0.75	19.6	22.0	541	21.2	23.5	731	711	23.7	26.0	828	807
5x3 x 0.75	21.5	24.0	656	23.1	25.5	867	845	25.8	28.5	980	958
7x3 x 0.75	23.8	26.5	884	25.4	28.0	1125	1101	28.1	30.5	1241	1216
10x3 x 0.75	31.2	34.0	1284	33.3	36.5	1693	1650	36.4	39.5	1869	1826
12x3 x 0.75	32.3	34.0	1495	34.4	37.5	1926	1882	37.7	41.0	2117	2073
14x3 x 0.75	34.2	37.5	1728	36.3	39.5	2191	2145	39.6	43.0	2384	2337
16x3 x 0.75	36.3	40.0	1964	38.4	42.0	2462	2412	41.9	45.5	2678	2628
19x3 x 0.75	38.6	42.0	2305	40.7	44.5	2845	2792	44.2	48.0	3061	3009
24x3 x 0.75	45.8	50.0	2924	47.9	52.5	3572	3510	51.8	56.5	3861	3799
27x3 x 0.75	47.0	51.5	3258	49.1	53.5	3936	3872	53.0	55.0	4219	4156
30x3 x 0.75	49.0	53.5	3604	51.1	55.5	4321	4254	55.2	60.0	4630	4563
33x3 x 0.75	50.9	56.0	3929	53.0	58.0	4682	4613	57.1	62.0	4993	4924
37x3 x 0.75	53.2	58.0	4382	55.3	60.5	5183	5111	59.6	64.5	5519	5447
43x3 x 0.75	58.1	63.5	5097	60.2	65.5	5986	5908	64.7	70.5	6364	6286
48x3 x 0.75	61.6	67.0	5674	63.7	69.5	6630	6547	68.4	74.0	7046	6963
1x3 x 1.0	10.3	11.5	171	11.9	13.0	268	257	14.0	15.5	318	307
2x3 x 1.0	17.8	20.0	354	19.4	21.5	520	502	21.9	24.0	616	597
3x3 x 1.0	19.0	21.0	480	20.6	23.0	662	643	23.1	25.5	758	739
4x3 x 1.0	21.1	23.5	621	22.7	25.0	827	806	25.4	27.5	939	918
5x3 x 1.0	23.4	25.5	765	25.0	27.5	997	973	27.7	30.0	1116	1092
7x3 x 1.0	25.8	28.5	1030	27.4	30.0	1295	1268	30.3	33.0	1429	1402
10x3 x 1.0	33.8	37.0	1493	35.9	39.0	1940	1894	39.2	42.5	2142	2096
12x3 x 1.0	35.0	38.5	1739	37.1	40.5	2212	2164	40.4	44.0	2410	2362
14x3 x 1.0	37.1	41.0	2010	39.2	43.0	2519	2468	42.7	46.5	2739	2688
16x3 x 1.0	39.4	43.0	2285	41.5	45.0	2832	2779	45.0	48.5	3057	3003
19x3 x 1.0	41.8	45.5	2681	43.9	47.5	3274	3217	47.6	51.5	3518	3462
24x3 x 1.0	49.8	54.5	3421	51.9	56.5	4137	4070	56.0	60.5	4463	4395
27x3 x 1.0	50.9	55.5	3787	53.0	58.0	4533	4464	57.1	62.0	4851	4782
30x3 x 1.0	53.1	58.0	4189	55.2	60.0	4979	4907	59.5	64.5	5324	5252
33x3 x 1.0	55.4	60.5	4595	57.5	62.5	5430	5355	61.8	67.0	5777	5702
37x3 x 1.0	57.8	63.0	5121	59.9	65.0	6008	5930	64.4	69.5	6382	6304
43x3 x 1.0	63.2	68.5	5954	65.3	71.0	6941	6856	70.0	75.5	7360	7275
48x3 x 1.0	67.0	73.0	6626	69.1	75.0	7688	7597	74.0	80.0	8148	8057

CHJJP/NC, CHJFP/NC (铜丝)

(CHJVP/NA Series可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.9	12.5	197	12.5	14.0	300	288	14.6	16.0	352	340
2x3 x 1.5	19.0	21.0	407	20.6	23.0	586	566	23.1	25.5	686	666
3x3 x 1.5	20.5	22.5	566	22.1	24.0	765	744	24.8	27.0	876	855
4x3 x 1.5	22.8	25.0	732	24.4	26.5	958	934	27.1	29.5	1075	1052
5x3 x 1.5	25.2	27.5	902	26.8	29.5	1156	1130	29.7	32.5	1292	1266
7x3 x 1.5	27.8	30.5	1215	29.4	32.0	1505	1477	32.3	35.0	1642	1614
10x3 x 1.5	36.5	40.0	1758	38.6	42.0	2248	2198	42.1	45.5	2475	2426
12x3 x 1.5	37.7	41.5	2050	39.8	43.5	2567	2516	43.3	47.0	2790	2738
14x3 x 1.5	39.9	43.5	2369	42.0	46.0	2926	2872	45.5	49.5	3149	3095
16x3 x 1.5	42.5	46.5	2694	44.6	48.5	3295	3237	48.3	52.5	3545	3488
19x3 x 1.5	45.1	49.5	3162	47.2	51.5	3814	3753	51.1	55.5	4086	4025
24x3 x 1.5	53.7	58.5	4030	55.8	60.5	4818	4746	60.1	65.0	5177	5104
27x3 x 1.5	55.1	60.0	4490	57.2	62.0	5317	5242	61.5	66.5	5666	5591
30x3 x 1.5	57.4	62.5	4964	59.5	64.5	5839	5762	64.0	69.0	6217	6139
33x3 x 1.5	59.9	65.0	5444	62.0	67.0	6370	6289	66.5	71.5	6748	6668
37x3 x 1.5	62.5	67.5	6066	64.6	70.0	7051	6967	69.3	74.5	7457	7373
43x3 x 1.5	68.3	74.0	7049	70.4	76.0	8146	8054	75.5	81.5	8634	8542
48x3 x 1.5	72.3	78.5	7842	74.4	80.5	9021	8924	79.7	86.0	9552	9455
1x3 x 2.5	12.2	13.5	254	13.8	15.0	370	357	15.9	17.0	425	413
2x3 x 2.5	21.3	23.0	523	22.9	24.5	726	704	25.6	27.5	844	822
3x3 x 2.5	22.9	24.5	729	24.5	26.5	955	932	27.2	29.0	1073	1049
4x3 x 2.5	25.5	27.5	945	27.1	29.0	1203	1177	30.0	32.0	1340	1314
5x3 x 2.5	28.2	30.5	1165	29.8	32.0	1456	1427	32.7	35.0	1599	1570
7x3 x 2.5	31.1	33.5	1574	33.2	35.5	1996	1954	36.3	38.5	2157	2114
10x3 x 2.5	40.9	43.5	2290	43.0	45.5	2854	2798	46.7	49.5	3110	3055
12x3 x 2.5	42.4	45.0	2677	44.5	47.5	3276	3219	48.2	51.0	3526	3468
14x3 x 2.5	44.8	47.5	3092	46.9	50.0	3738	3677	50.8	54.0	4010	3950
16x3 x 2.5	47.6	50.5	3515	49.7	52.5	4212	4148	53.6	56.5	4488	4423
19x3 x 2.5	50.5	53.5	4126	52.6	56.0	4885	4817	56.7	60.0	5182	5113
24x3 x 2.5	60.4	64.0	5278	62.5	66.0	6201	6120	67.2	71.0	6624	6543
27x3 x 2.5	61.7	65.5	5852	63.8	67.5	6818	6735	68.5	72.5	7226	7142
30x3 x 2.5	64.3	68.0	6471	66.4	70.5	7496	7409	71.3	75.5	7933	7847
33x3 x 2.5	67.1	71.0	7096	69.2	73.0	8182	8092	74.1	78.0	8620	8529
37x3 x 2.5	70.0	74.0	7910	72.1	76.0	9068	8974	77.2	81.5	9532	9438
43x3 x 2.5	76.7	81.0	9223	78.8	83.5	10519	10416	84.3	89.0	11072	10969
48x3 x 2.5	81.4	86.0	10297	83.5	88.0	11697	11588	89.2	94.0	12297	12187

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJ85/NC Series, CHJ86/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable without inner sheath

图例 **Example:**型号: **CHJ85/NC**Type: **CHJ86/NC****CHJ85/NC****7X2X0.75****用途 Application**

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJ85/NC, CHJ86/NC

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	9.4	10.5	110	1x2 x 1.5	10.6	12.0	142
2x2 x 0.75	13.4	15.0	186	2x2 x 1.5	16.1	18.0	292
3x2 x 0.75	14.9	16.5	264	3x2 x 1.5	17.3	19.0	361
4x2 x 0.75	16.2	18.0	311	4x2 x 1.5	18.8	21.0	430
5x2 x 0.75	17.8	20.0	367	5x2 x 1.5	20.6	23.0	510
7x2 x 0.75	19.5	21.5	453	7x2 x 1.5	22.6	25.0	640
10x2 x 0.75	24.8	27.5	635	10x2 x 1.5	28.9	31.5	900
12x2 x 0.75	25.6	28.0	702	12x2 x 1.5	30.1	33.0	1023
14x2 x 0.75	26.8	29.5	777	14x2 x 1.5	31.5	34.5	1139
16x2 x 0.75	28.4	31.5	868	16x2 x 1.5	33.4	36.5	1276
19x2 x 0.75	30.1	33.0	988	19x2 x 1.5	35.2	38.5	1446
24x2 x 0.75	35.2	38.5	1227	24x2 x 1.5	42.2	46.0	1944
27x2 x 0.75	36.7	40.0	1430	27x2 x 1.5	43.1	47.0	2101
30x2 x 0.75	37.9	41.5	1537	30x2 x 1.5	44.8	49.0	2292
33x2 x 0.75	39.6	43.5	1668	33x2 x 1.5	46.8	51.0	2492
37x2 x 0.75	41.2	45.0	1826	37x2 x 1.5	48.5	53.0	2714
43x2 x 0.75	44.7	49.0	2083	43x2 x 1.5	52.9	57.5	3130
48x2 x 0.75	47.3	51.5	2294	48x2 x 1.5	55.9	61.0	3451
1x2 x 1.0	10.0	11.5	124	1x2 x 2.5	11.8	13.0	183
2x2 x 1.0	15.1	17.0	255	2x2 x 2.5	17.9	19.5	372
3x2 x 1.0	16.0	18.0	303	3x2 x 2.5	19	20.5	459
4x2 x 1.0	17.6	19.5	367	4x2 x 2.5	21	22.5	565
5x2 x 1.0	19.3	21.5	434	5x2 x 2.5	23.1	25.0	676
7x2 x 1.0	20.9	23.0	528	7x2 x 2.5	25.3	27.0	859
10x2 x 1.0	26.7	29.5	742	10x2 x 2.5	32.4	34.5	1210
12x2 x 1.0	27.8	30.5	839	12x2 x 2.5	33.7	36.0	1384
14x2 x 1.0	29.2	32.0	933	14x2 x 2.5	35.6	38.0	1570
16x2 x 1.0	30.9	34.0	1042	16x2 x 2.5	38.2	41.0	1856
19x2 x 1.0	32.8	36.0	1191	19x2 x 2.5	40.2	43.0	2108
24x2 x 1.0	39.1	43.0	1595	24x2 x 2.5	47.5	50.5	2667
27x2 x 1.0	39.9	43.5	1716	27x2 x 2.5	48.6	51.5	2901
30x2 x 1.0	41.5	45.5	1870	30x2 x 2.5	50.5	53.5	3172
33x2 x 1.0	43.1	47.0	2009	33x2 x 2.5	52.7	56.0	3452
37x2 x 1.0	44.9	49.0	2204	37x2 x 2.5	54.9	58.5	3804
43x2 x 1.0	48.7	53.0	2516	43x2 x 2.5	59.8	63.5	4386
48x2 x 1.0	51.7	56.5	2797	48x2 x 2.5	63.2	67.0	4844

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJ85/NC, CHJ86/NC

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	9.9	11.5	127	1x3 x 1.5	11.4	13.0	174
2x3 x 0.75	15.6	17.5	269	2x3 x 1.5	18.0	20.0	366
3x3 x 0.75	16.7	18.5	328	3x3 x 1.5	19.3	21.5	457
4x3 x 0.75	18.1	20.0	388	4x3 x 1.5	21.1	23.0	552
5x3 x 0.75	19.9	22.0	459	5x3 x 1.5	23.2	25.5	658
7x3 x 0.75	21.6	24.0	562	7x3 x 1.5	25.4	28.0	834
10x3 x 0.75	27.9	30.5	804	10x3 x 1.5	32.8	36.0	1190
12x3 x 0.75	28.8	31.5	896	12x3 x 1.5	33.8	37.0	1339
14x3 x 0.75	30.4	33.5	1010	14x3 x 1.5	35.7	39.0	1518
16x3 x 0.75	32.0	35.0	1114	16x3 x 1.5	38.4	42.0	1799
19x3 x 0.75	33.9	37.0	1273	19x3 x 1.5	40.4	44.0	2039
24x3 x 0.75	40.4	44.5	1701	24x3 x 1.5	47.8	52.0	2582
27x3 x 0.75	41.5	45.5	1854	27x3 x 1.5	49	53.5	2824
30x3 x 0.75	42.9	47.0	1999	30x3 x 1.5	50.8	55.0	3064
33x3 x 0.75	44.8	49.0	2171	33x3 x 1.5	52.9	57.5	3330
37x3 x 0.75	46.7	51.0	2382	37x3 x 1.5	55.2	60.0	3668
43x3 x 0.75	50.6	55.5	2719	43x3 x 1.5	60.1	65.0	4228
48x3 x 0.75	53.5	58.5	2997	48x3 x 1.5	63.5	69.0	4667
1x3 x 1.0	10.5	12.0	144	1x3 x 2.5	12.5	14.0	223
2x3 x 1.0	16.9	19.0	316	2x3 x 2.5	20.1	22.0	476
3x3 x 1.0	17.9	20.0	380	3x3 x 2.5	21.3	23.0	596
4x3 x 1.0	19.7	22.0	463	4x3 x 2.5	23.5	25.5	740
5x3 x 1.0	21.4	24.0	539	5x3 x 2.5	25.9	28.0	889
7x3 x 1.0	23.5	26.0	678	7x3 x 2.5	28.4	30.5	1143
10x3 x 1.0	30.3	33.5	968	10x3 x 2.5	37.2	39.5	1723
12x3 x 1.0	31.3	34.5	1083	12x3 x 2.5	38.7	41.5	1971
14x3 x 1.0	33.0	36.0	1223	14x3 x 2.5	40.6	43.5	2215
16x3 x 1.0	34.8	38.0	1354	16x3 x 2.5	43	46.0	2485
19x3 x 1.0	37.4	41.0	1645	19x3 x 2.5	45.5	48.5	2861
24x3 x 1.0	44.2	48.0	2083	24x3 x 2.5	53.8	57.0	3617
27x3 x 1.0	45.1	49.5	2250	27x3 x 2.5	55.2	58.5	3975
30x3 x 1.0	47.0	51.5	2458	30x3 x 2.5	57.4	61.0	4354
33x3 x 1.0	48.7	53.0	2644	33x3 x 2.5	59.8	63.5	4741
37x3 x 1.0	50.8	55.5	2907	37x3 x 2.5	62.1	66.0	5205
43x3 x 1.0	55.4	60.5	3352	43x3 x 2.5	67.9	72.0	6039
48x3 x 1.0	58.5	64.0	3695	48x3 x 2.5	71.8	76.0	6678

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/NC Series, CHJP86/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable without inner sheath

图例 **Example:**型号: **CHJP85/NC**Type: **CHJP86/NC****CHJP86/NC**
7X2X1.5**用途 Application**

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJP85/NC CHJP86/NC (铝箔)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	9.7	11.0	120	1x2 x 1.5	10.9	12.5	153
2x2 x 0.75	15.5	17.5	258	2x2 x 1.5	17.9	20.0	339
3x2 x 0.75	16.6	18.5	313	3x2 x 1.5	18.9	21.0	408
4x2 x 0.75	18.1	20.0	369	4x2 x 1.5	20.9	23.0	498
5x2 x 0.75	19.8	22.0	434	5x2 x 1.5	22.9	25.0	590
7x2 x 0.75	21.5	24.0	528	7x2 x 1.5	25.1	27.5	740
10x2 x 0.75	27.7	30.5	754	10x2 x 1.5	32.2	35.0	1042
12x2 x 0.75	28.6	31.5	836	12x2 x 1.5	33.5	36.5	1183
14x2 x 0.75	30.2	33.0	941	14x2 x 1.5	35.1	38.5	1318
16x2 x 0.75	31.9	35.0	1037	16x2 x 1.5	37.8	41.0	1571
19x2 x 0.75	33.7	37.0	1181	19x2 x 1.5	40	43.5	1791
24x2 x 0.75	40.2	44.0	1585	24x2 x 1.5	47.3	51.5	2268
27x2 x 0.75	41.3	45.0	1723	27x2 x 1.5	48.3	52.5	2450
30x2 x 0.75	42.7	46.5	1854	30x2 x 1.5	50.2	54.5	2671
33x2 x 0.75	44.6	48.5	2012	33x2 x 1.5	52.3	57.0	2900
37x2 x 0.75	46.4	50.5	2203	37x2 x 1.5	54.5	59.0	3185
43x2 x 0.75	50.4	55.0	2513	43x2 x 1.5	59.2	64.5	3641
48x2 x 0.75	53.3	58.0	2768	48x2 x 1.5	62.8	68.0	4044
1x2 x 1.0	10.3	11.5	135	1x2 x 2.5	12.1	13.5	195
2x2 x 1.0	16.8	18.5	299	2x2 x 2.5	19.8	21.5	424
3x2 x 1.0	17.8	19.5	356	3x2 x 2.5	21	22.5	521
4x2 x 1.0	19.6	21.5	431	4x2 x 2.5	23.2	25.0	641
5x2 x 1.0	21.3	23.5	499	5x2 x 2.5	25.5	27.5	765
7x2 x 1.0	23.3	25.5	621	7x2 x 2.5	28	30.0	972
10x2 x 1.0	30.1	33.0	888	10x2 x 2.5	36.7	39.0	1477
12x2 x 1.0	31.0	34.0	986	12x2 x 2.5	37.9	40.5	1658
14x2 x 1.0	32.8	36.0	1112	14x2 x 2.5	40	42.5	1873
16x2 x 1.0	34.6	38.0	1228	16x2 x 2.5	42.4	45.0	2096
19x2 x 1.0	37.1	40.5	1493	19x2 x 2.5	44.8	47.5	2399
24x2 x 1.0	43.8	48.0	1890	24x2 x 2.5	53	56.5	3033
27x2 x 1.0	44.8	49.0	2037	27x2 x 2.5	54.1	57.5	3293
30x2 x 1.0	46.6	50.5	2219	30x2 x 2.5	56.3	60.0	3601
33x2 x 1.0	48.3	52.5	2382	33x2 x 2.5	58.7	62.5	3915
37x2 x 1.0	50.4	55.0	2615	37x2 x 2.5	61.2	65.0	4312
43x2 x 1.0	54.9	60.0	3011	43x2 x 2.5	66.6	70.5	4968
48x2 x 1.0	58.0	63.0	3315	48x2 x 2.5	70.7	75.0	5520

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/NC CHJP86/NC (铝箔)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	10.3	11.5	140	1x3 x 1.5	11.8	13.0	190
2x3 x 0.75	17.4	19.5	320	2x3 x 1.5	20.1	22.0	426
3x3 x 0.75	18.5	20.5	384	3x3 x 1.5	21.3	23.5	522
4x3 x 0.75	20.4	22.5	467	4x3 x 1.5	23.5	26.0	641
5x3 x 0.75	22.4	24.5	553	5x3 x 1.5	25.9	28.5	765
7x3 x 0.75	24.3	27.0	678	7x3 x 1.5	28.4	31.0	970
10x3 x 0.75	31.4	34.5	969	10x3 x 1.5	37.1	40.5	1472
12x3 x 0.75	32.4	35.5	1081	12x3 x 1.5	38.6	42.0	1671
14x3 x 0.75	34.2	37.5	1220	14x3 x 1.5	40.5	44.0	1865
16x3 x 0.75	36.8	40.5	1457	16x3 x 1.5	42.9	46.5	2086
19x3 x 0.75	38.9	42.5	1657	19x3 x 1.5	45.4	49.5	2387
24x3 x 0.75	45.8	50.0	2077	24x3 x 1.5	53.7	58.5	3018
27x3 x 0.75	47.0	51.5	2263	27x3 x 1.5	55.1	60.0	3302
30x3 x 0.75	48.7	53.0	2444	30x3 x 1.5	57.3	62.0	3607
33x3 x 0.75	50.7	55.5	2651	33x3 x 1.5	59.5	64.5	3891
37x3 x 0.75	52.9	57.5	2911	37x3 x 1.5	62	67.0	4283
43x3 x 0.75	57.6	63.0	3351	43x3 x 1.5	67.5	73.0	4934
48x3 x 0.75	60.9	66.5	3693	48x3 x 1.5	71.6	77.5	5480
1x3 x 1.0	10.9	12.5	159	1x3 x 2.5	12.9	14.0	239
2x3 x 1.0	18.7	20.5	364	2x3 x 2.5	22.3	24.0	542
3x3 x 1.0	20.0	22.0	449	3x3 x 2.5	23.7	25.5	678
4x3 x 1.0	22.0	24.5	547	4x3 x 2.5	26.2	28.0	840
5x3 x 1.0	24.0	26.5	639	5x3 x 2.5	28.8	31.0	1007
7x3 x 1.0	26.3	29.0	804	7x3 x 2.5	31.6	34.0	1293
10x3 x 1.0	34.0	37.0	1147	10x3 x 2.5	41.6	44.5	1965
12x3 x 1.0	35.1	38.5	1285	12x3 x 2.5	43	46.0	2223
14x3 x 1.0	37.6	41.0	1547	14x3 x 2.5	45.4	48.5	2519
16x3 x 1.0	39.9	43.5	1728	16x3 x 2.5	48.1	51.0	2824
19x3 x 1.0	42.2	46.0	1971	19x3 x 2.5	50.9	54.0	3248
24x3 x 1.0	49.9	54.5	2494	24x3 x 2.5	60.4	64.0	4130
27x3 x 1.0	50.9	55.5	2695	27x3 x 2.5	61.7	65.5	4503
30x3 x 1.0	53.0	57.5	2942	30x3 x 2.5	64.2	68.0	4930
33x3 x 1.0	55.2	60.0	3193	33x3 x 2.5	66.9	71.0	5366
37x3 x 1.0	57.5	62.5	3508	37x3 x 2.5	69.7	74.0	5919
43x3 x 1.0	62.7	68.0	4041	43x3 x 2.5	76.1	80.5	6859
48x3 x 1.0	66.3	72.0	4455	48x3 x 2.5	80.5	85.0	7581

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/NC CHJP86/NC (铜丝)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	10.4	12.0	178	1x2 x 1.5	11.8	13.0	227
2x2 x 0.75	16.9	18.5	385	2x2 x 1.5	19	21.0	484
3x2 x 0.75	17.9	20.0	483	3x2 x 1.5	20.4	22.5	615
4x2 x 0.75	19.7	22.0	599	4x2 x 1.5	22.5	24.5	768
5x2 x 0.75	21.4	23.5	709	5x2 x 1.5	24.7	27.0	923
7x2 x 0.75	23.5	26.0	915	7x2 x 1.5	26.9	29.5	1184
10x2 x 0.75	30.2	33.0	1304	10x2 x 1.5	34.7	38.0	1688
12x2 x 0.75	31.2	34.0	1487	12x2 x 1.5	36.6	40.0	2041
14x2 x 0.75	33.0	36.0	1695	14x2 x 1.5	38.6	42.0	2320
16x2 x 0.75	34.8	38.0	1893	16x2 x 1.5	40.9	44.5	2609
19x2 x 0.75	37.3	41.0	2283	19x2 x 1.5	43.1	47.0	2993
24x2 x 0.75	44.1	48.0	2889	24x2 x 1.5	50.9	55.0	3782
27x2 x 0.75	45.0	49.0	3157	27x2 x 1.5	52.2	56.5	4168
30x2 x 0.75	46.8	51.0	3463	30x2 x 1.5	54.1	58.5	4574
33x2 x 0.75	48.6	53.0	3775	33x2 x 1.5	56.4	61.0	4961
37x2 x 0.75	50.7	55.0	4150	37x2 x 1.5	58.8	63.5	5489
43x2 x 0.75	55.2	60.0	4793	43x2 x 1.5	64	69.5	6339
48x2 x 0.75	58.4	63.5	5306	48x2 x 1.5	67.9	73.5	7051
1x2 x 1.0	11.2	12.5	203	1x2 x 2.5	12.8	14.0	271
2x2 x 1.0	17.9	20.0	426	2x2 x 2.5	21	22.5	578
3x2 x 1.0	19.0	21.0	547	3x2 x 2.5	22.5	24.5	754
4x2 x 1.0	21.0	23.0	671	4x2 x 2.5	24.8	26.5	944
5x2 x 1.0	23.0	25.5	806	5x2 x 2.5	27.1	29.0	1139
7x2 x 1.0	25.3	27.5	1042	7x2 x 2.5	29.7	32.0	1483
10x2 x 1.0	32.4	35.5	1486	10x2 x 2.5	39.2	42.0	2212
12x2 x 1.0	33.7	37.0	1697	12x2 x 2.5	40.5	43.0	2548
14x2 x 1.0	35.5	39.0	1933	14x2 x 2.5	42.7	45.5	2881
16x2 x 1.0	38.2	41.5	2273	16x2 x 2.5	45.3	48.0	3244
19x2 x 1.0	40.2	44.0	2603	19x2 x 2.5	47.9	51.0	3754
24x2 x 1.0	47.5	51.5	3292	24x2 x 2.5	56.7	60.0	4771
27x2 x 1.0	48.5	52.5	3601	27x2 x 2.5	58.1	61.5	5234
30x2 x 1.0	50.5	55.0	3952	30x2 x 2.5	60.4	64.0	5747
33x2 x 1.0	52.6	57.0	4307	33x2 x 2.5	63	67.0	6270
37x2 x 1.0	54.8	59.5	4762	37x2 x 2.5	65.6	69.5	6940
43x2 x 1.0	59.5	64.5	5500	43x2 x 2.5	71.5	75.5	8017
48x2 x 1.0	63.2	68.5	6091	48x2 x 2.5	75.6	80.0	8916

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJP85/NC CHJP86/NC (铜丝)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3 x 0.75	10.6	12.0	197	1x3 x 1.5	12.1	13.5	257
2x3 x 0.75	18.1	20.0	437	2x3 x 1.5	20.7	23.0	562
3x3 x 0.75	19.4	21.5	563	3x3 x 1.5	22.2	24.5	733
4x3 x 0.75	21.1	23.5	690	4x3 x 1.5	24.3	26.5	906
5x3 x 0.75	23.2	25.5	831	5x3 x 1.5	26.7	29.5	1094
7x3 x 0.75	25.5	28.0	1078	7x3 x 1.5	29.3	32.0	1427
10x3 x 0.75	32.9	36.0	1538	10x3 x 1.5	38.7	42.0	2152
12x3 x 0.75	34.0	37.0	1759	12x3 x 1.5	39.9	43.5	2457
14x3 x 0.75	36.4	40.0	2097	14x3 x 1.5	42.1	46.0	2800
16x3 x 0.75	38.5	42.0	2356	16x3 x 1.5	44.7	48.5	3153
19x3 x 0.75	40.6	44.5	2702	19x3 x 1.5	47.3	51.5	3648
24x3 x 0.75	48.0	52.5	3418	24x3 x 1.5	55.9	60.5	4609
27x3 x 0.75	49.2	53.5	3765	27x3 x 1.5	57.3	62.0	5084
30x3 x 0.75	51.0	55.5	4108	30x3 x 1.5	59.4	64.5	5555
33x3 x 0.75	53.1	58.0	4479	33x3 x 1.5	61.9	67.0	6061
37x3 x 0.75	55.4	60.5	4956	37x3 x 1.5	64.5	70.0	6710
43x3 x 0.75	60.3	65.5	5724	43x3 x 1.5	70.3	76.0	7753
48x3 x 0.75	63.8	69.5	6339	48x3 x 1.5	74.5	80.5	8622
1x3 x 1.0	11.5	13.0	227	1x3 x 2.5	13.2	14.5	315
2x3 x 1.0	19.5	21.5	498	2x3 x 2.5	23	25.0	696
3x3 x 1.0	20.7	23.0	635	3x3 x 2.5	24.4	26.5	904
4x3 x 1.0	22.8	25.0	793	4x3 x 2.5	27	29.0	1140
5x3 x 1.0	25.1	27.5	956	5x3 x 2.5	29.7	32.0	1381
7x3 x 1.0	27.5	30.0	1240	7x3 x 2.5	32.8	35.0	1827
10x3 x 1.0	35.5	39.0	1768	10x3 x 2.5	42.9	45.5	2711
12x3 x 1.0	37.2	40.5	2118	12x3 x 2.5	44.6	47.5	3134
14x3 x 1.0	39.3	43.0	2411	14x3 x 2.5	47	50.0	3575
16x3 x 1.0	41.6	45.5	2710	16x3 x 2.5	49.8	53.0	4028
19x3 x 1.0	44.0	48.0	3132	19x3 x 2.5	52.7	56.0	4671
24x3 x 1.0	52.0	56.5	3958	24x3 x 2.5	62.6	66.5	5929
27x3 x 1.0	53.1	58.0	4336	27x3 x 2.5	63.9	67.5	6517
30x3 x 1.0	55.3	60.0	4762	30x3 x 2.5	66.5	70.5	7165
33x3 x 1.0	57.6	62.5	5192	33x3 x 2.5	69.3	73.5	7820
37x3 x 1.0	60.0	65.0	5744	37x3 x 2.5	72.2	76.5	8665
43x3 x 1.0	65.4	71.0	6636	43x3 x 2.5	78.9	83.5	10050
48x3 x 1.0	69.2	75.0	7349	48x3 x 2.5	83.4	88.0	11136

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJ/SC Series, CHEPF/SC Series**150/250V**

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

EPR insulated halogen-free low-smoke shipboard symmetrical communication cable图例 **Example:****CHEPJ85/SC
7X2X0.75**

型号: **CHEPJ/SC**
 Type: **CHEPJ80/SC**
CHEPJ90/SC
CHEPJ85/SC
CHEPJ95/SC
CHEPF/SC
CHEPF80/SC
CHEPF90/SC
CHEPF86/SC
CHEPF96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

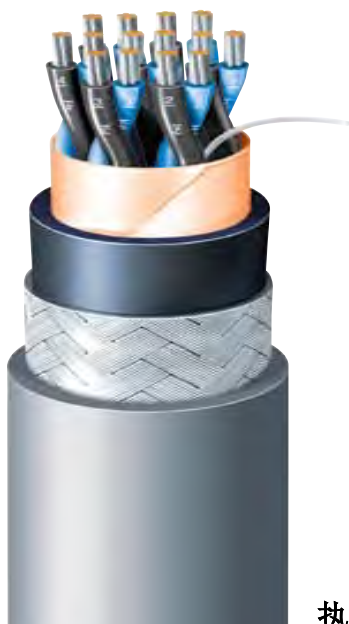
结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHEV/SA Series, CHEF/SA Series**150/250V**

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

图例 **Example:****CHEF92/SA
7X2X0.75**

型号: **CHEV/SA**
 Type: **CHEV80/SA**
CHEV90/SA
CHEV82/SA
CHEV92/SA

CHEF/SA
CHEF80/SA
CHEF90/SA
CHEF82/SA
CHEF92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
	F	氯丁橡胶 PCP
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHEPJ/SC, CHEPF/SC

(CHEV/SA, CHEF/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/SC, CHEPF/SC			CHEPJ80/SC, CHEPF80/SC CHEPJ90/SC, CHEPF90/SC				CHEPJ85/SC, CHEPF86/SC CHEPJ95/SC, CHEPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	7.4	8.4	58	8.5	9.6	103	98	10.6	12.0	144	139
2x2 x 0.75	10.9	12.5	104	12.5	14.5	202	191	14.6	16.5	260	248
3x2 x 0.75	11.8	13.5	137	13.4	15.0	244	232	15.5	17.0	304	292
4x2 x 0.75	12.9	14.5	168	14.5	16.0	285	272	16.8	18.5	357	343
5x2 x 0.75	14.3	16.0	206	15.9	18.0	337	322	18.2	20.0	413	398
7x2 x 0.75	15.6	17.5	262	17.2	19.0	406	390	19.5	21.5	486	470
10x2 x 0.75	20.3	22.5	380	21.9	24.0	568	547	24.4	26.5	677	657
12x2 x 0.75	20.9	23.5	432	22.5	25.0	627	606	25.2	27.5	749	727
14x2 x 0.75	22.2	24.5	498	23.8	26.5	707	684	26.5	29.0	833	810
16x2 x 0.75	23.4	26.0	554	25	27.5	776	752	27.7	30.5	907	883
19x2 x 0.75	24.9	27.5	647	26.5	29.0	885	860	29.4	32.0	1034	1009
24x2 x 0.75	29.4	33.0	816	31	34.5	1099	1069	34.1	37.5	1284	1254
27x2 x 0.75	30.2	33.5	906	32.3	35.5	1285	1244	35.4	38.5	1474	1433
30x2 x 0.75	31.3	34.5	987	33.4	37.0	1382	1339	36.5	40.0	1575	1532
33x2 x 0.75	32.8	36.0	1085	34.9	38.5	1501	1456	38.2	41.5	1717	1672
37x2 x 0.75	34.0	37.5	1191	36.1	39.5	1625	1579	39.4	43.0	1845	1799
43x2 x 0.75	37.1	41.0	1378	39.2	43.5	1855	1805	42.7	47.0	2108	2058
48x2 x 0.75	39.4	43.5	1536	41.5	45.5	2046	1992	45	49.5	2309	2255
1x2 x 1.0	7.8	8.9	66	8.9	10.0	113	108	11	12.0	156	151
2x2 x 1.0	11.8	13.5	126	13.4	15.0	232	220	15.5	17.0	293	281
3x2 x 1.0	12.5	14.0	160	14.1	16.0	274	261	16.4	18.0	344	330
4x2 x 1.0	13.9	15.5	204	15.5	17.0	331	317	17.8	19.5	406	391
5x2 x 1.0	15.2	17.0	242	16.8	18.5	382	366	19.1	21.0	461	445
7x2 x 1.0	16.8	19.0	319	18.4	20.5	476	458	20.9	23.0	568	551
10x2 x 1.0	21.6	24.0	451	23.2	25.5	653	631	25.9	28.5	778	756
12x2 x 1.0	22.5	25.0	526	24.1	26.5	739	716	26.8	29.5	866	843
14x2 x 1.0	23.7	26.5	595	25.3	28.0	821	797	28	30.5	952	927
16x2 x 1.0	25.2	28.0	677	26.8	29.5	919	893	29.7	32.5	1068	1042
19x2 x 1.0	26.6	29.5	778	28.2	31.0	1037	1009	31.1	34.0	1189	1162
24x2 x 1.0	31.6	34.0	995	33.7	37.0	1394	1351	36.8	40.0	1588	1545
27x2 x 1.0	32.2	35.5	1089	34.3	38.0	1499	1455	37.6	41.0	1710	1667
30x2 x 1.0	33.6	37.0	1205	35.7	39.0	1636	1590	39	42.5	1852	1806
33x2 x 1.0	35.0	39.0	1308	37.1	41.0	1759	1711	40.4	44.0	1980	1932
37x2 x 1.0	36.5	40.0	1456	38.6	42.5	1931	1881	42.1	46.0	2175	2125
43x2 x 1.0	39.8	44.0	1685	41.9	46.0	2207	2152	45.4	49.5	2465	2411
48x2 x 1.0	42.2	46.5	1876	44.3	48.5	2433	2376	48	52.5	2723	2666

CHEPJ/SC, CHEPF/SC

(CHEV/SA, CHEF/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/SC, CHEPF/SC			CHEPJ80/SC, CHEPF80/SC CHEPJ90/SC, CHEPF90/SC				CHEPJ85/SC, CHEPF86/SC CHEPJ95/SC, CHEPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	8.8	10.0	86	9.9	11.0	140	134	12	13.0	186	180
2x2 x 1.5	13.1	14.5	157	14.7	16.5	276	262	17	18.5	349	335
3x2 x 1.5	14.1	16.0	210	15.7	17.5	339	325	18	20.0	415	400
4x2 x 1.5	15.5	17.5	261	17.1	19.0	404	388	19.4	21.0	484	468
5x2 x 1.5	17.2	19.0	320	18.8	20.5	480	462	21.3	23.0	576	558
7x2 x 1.5	18.7	21.0	414	20.3	22.5	591	571	22.8	25.0	689	670
10x2 x 1.5	24.4	27.0	598	26	28.5	830	805	28.7	31.5	965	940
12x2 x 1.5	25.4	28.0	699	27	29.5	944	918	29.9	32.5	1093	1067
14x2 x 1.5	26.7	29.5	793	28.3	31.5	1053	1026	31.2	34.0	1206	1179
16x2 x 1.5	28.5	31.5	902	30.1	33.0	1182	1153	33.2	34.0	1357	1328
19x2 x 1.5	30.2	33.5	1053	32.3	35.5	1440	1398	35.4	38.5	1622	1581
24x2 x 1.5	35.9	39.5	1343	38	41.5	1805	1757	41.3	45.0	2032	1983
27x2 x 1.5	36.7	40.0	1475	38.8	42.5	1953	1903	42.3	46.0	2198	2148
30x2 x 1.5	38.2	42.0	1630	40.3	44.0	2132	2080	43.8	47.5	2380	2328
33x2 x 1.5	39.8	44.0	1771	41.9	46.0	2297	2243	45.4	49.5	2551	2497
37x2 x 1.5	41.5	45.5	1971	43.6	47.5	2525	2469	47.3	51.5	2805	2749
43x2 x 1.5	45.3	49.5	2281	47.4	52.0	2892	2830	51.3	56.0	3210	3149
48x2 x 1.5	48.0	52.5	2538	50.1	54.5	3190	3126	54.2	59.0	3546	3481
1x2 x 2.5	9.6	11.0	113	10.7	12.0	173	166	12.8	14.0	222	215
2x2 x 2.5	14.6	16.5	218	16.2	18.0	352	337	18.5	20.0	429	414
3x2 x 2.5	15.6	17.5	288	17.2	19.0	433	417	19.5	21.0	513	496
4x2 x 2.5	17.3	19.0	370	18.9	21.0	533	515	21.4	23.5	627	609
5x2 x 2.5	18.9	21.0	446	20.5	23.0	626	606	23	25.5	724	704
7x2 x 2.5	20.9	23.0	596	22.5	24.5	799	778	25.2	27.5	913	892
10x2 x 2.5	27.4	30.0	871	29	31.5	1141	1113	31.9	34.5	1294	1266
12x2 x 2.5	28.4	31.0	1007	30	32.5	1292	1263	32.9	34.0	1445	1416
14x2 x 2.5	29.8	33.0	1148	31.4	34.5	1451	1421	34.5	37.5	1622	1591
16x2 x 2.5	31.7	35.0	1305	33.8	37.0	1720	1677	36.9	40.0	1900	1857
19x2 x 2.5	33.7	37.0	1529	35.8	39.0	1977	1931	39.1	42.5	2178	2132
24x2 x 2.5	40.0	44.0	1944	42.1	46.0	2481	2426	45.8	50.0	2749	2695
27x2 x 2.5	41.1	45.0	2164	43.2	47.0	2723	2668	46.9	50.5	2990	2934
30x2 x 2.5	42.6	46.5	2373	44.7	49.0	2959	2901	48.4	52.5	3227	3170
33x2 x 2.5	44.6	48.5	2605	46.7	50.5	3224	3164	50.6	54.5	3521	3461
37x2 x 2.5	46.5	50.5	2902	48.6	53.0	3557	3494	52.5	57.0	3855	3792
43x2 x 2.5	50.7	55.5	3357	52.8	57.5	4080	4011	56.9	61.5	4419	4350
48x2 x 2.5	53.7	58.5	3736	55.8	61.0	4510	4437	60.1	65.0	4886	4813

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJ/SC, CHEPF/SC

(CHEV/SA, CHEF/SA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJ/SC, CHEPF/SC			CHEPJ80/SC, CHEPF80/SC CHEPJ90/SC, CHEPF90/SC				CHEPJ85/SC, CHEPF86/SC CHEPJ95/SC, CHEPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 0.75	7.8	8.9	72	8.9	10.0	120	114	11	12.0	162	156
2x3 x 0.75	12.4	13.0	141	14	15.5	253	240	16.1	17.5	316	303
3x3 x 0.75	13.2	15.0	182	14.8	16.5	303	289	17.1	19.0	374	360
4x3 x 0.75	14.6	16.5	231	16.2	18.0	365	350	18.5	20.5	442	427
5x3 x 0.75	16.0	18.0	276	17.6	20.0	424	407	19.9	22.0	506	489
7x3 x 0.75	17.7	20.0	365	19.3	21.5	531	513	21.8	24.0	627	609
10x3 x 0.75	22.9	25.5	527	24.5	27.0	743	720	27.2	30.0	872	849
12x3 x 0.75	23.7	26.5	604	25.3	28.0	830	806	28	31.0	960	936
14x3 x 0.75	25.1	28.0	696	26.7	29.5	938	913	29.6	32.5	1086	1060
16x3 x 0.75	26.6	29.5	779	28.2	31.0	1038	1011	31.1	34.0	1191	1164
19x3 x 0.75	28.2	31.5	910	29.8	33.0	1188	1159	32.7	36.0	1345	1317
24x3 x 0.75	33.5	37.0	1162	35.6	39.0	1590	1544	38.9	42.5	1807	1762
27x3 x 0.75	34.2	38.0	1275	36.3	40.0	1716	1669	39.6	43.5	1933	1886
30x3 x 0.75	35.7	39.5	1410	37.8	41.5	1874	1825	41.1	45.0	2095	2047
33x3 x 0.75	37.1	41.0	1531	39.2	43.5	2016	1965	42.7	47.0	2261	2210
37x3 x 0.75	38.8	43.0	1706	40.9	45.0	2218	2165	44.4	48.5	2467	2414
43x3 x 0.75	42.3	46.5	1973	44.4	49.0	2536	2478	48.1	52.5	2822	2764
48x3 x 0.75	44.8	49.5	2196	46.9	51.5	2797	2736	50.8	55.5	3116	3055
1x3 x 1.0	8.2	9.6	83	9.3	11.0	133	128	11.4	13.0	177	171
2x3 x 1.0	13.1	15.0	164	14.7	16.5	283	269	17	18.5	355	342
3x3 x 1.0	14.2	16.0	221	15.8	17.5	352	337	18.1	20.0	426	412
4x3 x 1.0	15.5	17.5	274	17.1	19.0	418	402	19.4	21.5	497	481
5x3 x 1.0	17.2	19.0	336	18.8	21.0	497	479	21.3	23.5	592	574
7x3 x 1.0	18.8	21.0	437	20.4	22.5	616	596	22.9	25.0	714	694
10x3 x 1.0	24.4	27.5	631	26	29.0	864	840	28.7	31.5	997	972
12x3 x 1.0	25.5	28.5	738	27.1	30.0	986	960	30	33.0	1134	1108
14x3 x 1.0	26.8	30.0	839	28.4	31.5	1102	1075	31.3	34.5	1253	1226
16x3 x 1.0	28.5	31.5	953	30.1	33.0	1236	1207	33.2	36.0	1408	1379
19x3 x 1.0	30.3	33.5	1115	32.4	35.5	1506	1464	35.5	38.5	1686	1644
24x3 x 1.0	36.0	39.5	1421	38.1	41.5	1888	1839	41.6	45.5	2131	2082
27x3 x 1.0	36.8	40.5	1563	38.9	42.5	2046	1996	42.4	46.0	2287	2237
30x3 x 1.0	38.3	42.0	1727	40.4	44.0	2234	2182	43.9	48.0	2480	2428
33x3 x 1.0	39.9	44.0	1878	42	46.0	2410	2356	45.5	49.5	2660	2606
37x3 x 1.0	41.6	45.5	2091	43.7	48.0	2652	2596	47.4	51.5	2927	2870
43x3 x 1.0	45.4	50.0	2420	47.5	52.0	3039	2977	51.4	56.0	3352	3290
48x3 x 1.0	48.1	53.0	2694	50.2	55.0	3355	3290	54.3	59.0	3703	3638

CHEPJ/SC, CHEPF/SC

(CHEV/SA, CHEF/SA Series参照使用)

对数x3x截面面积 No of triples x 3 x cross section area	CHEPJ/SC, CHEPF/SC			CHEPJ80/SC, CHEPF80/SC CHEPJ90/SC, CHEPF90/SC				CHEPJ85/SC, CHEPF86/SC CHEPJ95/SC, CHEPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	9.3	10.5	109	10.4	11.5	167	160	12.5	14.0	215	208
2x3 x 1.5	14.8	16.5	215	16.4	18.0	350	335	18.7	20.5	429	413
3x3 x 1.5	15.8	17.5	284	17.4	19.0	431	414	19.7	21.5	511	494
4x3 x 1.5	17.6	19.5	364	19.2	21.0	529	511	21.7	23.5	625	607
5x3 x 1.5	19.4	21.5	447	21	23.0	631	611	23.5	25.5	732	712
7x3 x 1.5	21.2	24.0	584	22.8	25.5	789	768	25.5	28.0	906	884
10x3 x 1.5	27.9	30.5	855	29.5	32.5	1128	1100	32.4	35.0	1286	1258
12x3 x 1.5	28.8	31.5	987	30.4	33.5	1274	1244	33.5	36.5	1446	1417
14x3 x 1.5	30.5	33.5	1138	32.6	35.5	1532	1490	35.7	39.0	1712	1671
16x3 x 1.5	32.3	35.5	1279	34.4	37.5	1699	1655	37.7	41.0	1902	1858
19x3 x 1.5	34.3	37.5	1498	36.4	39.5	1951	1904	39.7	43.0	2157	2110
24x3 x 1.5	40.9	45.0	1923	43	47.0	2468	2413	46.7	50.5	2745	2690
27x3 x 1.5	41.8	45.5	2119	43.9	48.0	2684	2627	47.6	51.5	2958	2902
30x3 x 1.5	43.3	47.5	2321	45.4	50.0	2912	2853	49.1	53.5	3189	3131
33x3 x 1.5	45.3	49.5	2548	47.4	52.0	3172	3111	51.3	56.0	3478	3416
37x3 x 1.5	47.3	51.5	2838	49.4	54.0	3498	3434	53.3	58.0	3807	3743
43x3 x 1.5	51.7	56.5	3306	53.8	58.5	4037	3967	57.9	63.0	4388	4318
48x3 x 1.5	54.8	60.0	3679	56.9	62.0	4462	4388	61.2	66.5	4850	4776
1x3 x 2.5	10.2	11.5	149	11.8	13.0	244	233	13.9	13.0	295	285
2x3 x 2.5	16.3	18.5	293	17.9	20.0	444	427	20.2	22.5	527	510
3x3 x 2.5	17.6	19.5	404	19.2	21.0	571	553	21.7	23.5	665	647
4x3 x 2.5	19.6	21.5	522	21.2	23.0	711	691	23.7	25.5	810	790
5x3 x 2.5	21.5	24.0	632	23.1	25.5	842	820	25.8	28.5	958	936
7x3 x 2.5	23.7	26.0	850	25.3	27.5	1089	1065	28	30.5	1207	1182
10x3 x 2.5	31.1	34.0	1236	33.2	36.0	1641	1599	36.3	39.5	1820	1778
12x3 x 2.5	32.1	35.5	1437	34.2	37.5	1863	1819	37.5	41.0	2056	2012
14x3 x 2.5	34.0	37.5	1660	36.1	39.5	2118	2071	39.4	43.0	2314	2267
16x3 x 2.5	36.2	39.5	1888	38.3	41.5	2381	2332	41.8	45.5	2601	2552
19x3 x 2.5	38.4	42.0	2213	40.5	44.0	2746	2694	44	47.5	2967	2915
24x3 x 2.5	45.6	50.0	2808	47.7	52.0	3448	3386	51.6	56.0	3744	3682
27x3 x 2.5	46.8	51.0	3128	48.9	53.0	3797	3734	52.8	57.0	4088	4024
30x3 x 2.5	48.6	53.0	3438	50.7	55.0	4142	4076	54.8	59.5	4457	4391
33x3 x 2.5	50.7	55.5	3771	52.8	57.5	4514	4446	56.9	62.0	4833	4764
37x3 x 2.5	53.0	58.0	4205	55.1	60.0	4995	4923	59.4	64.5	5340	5268
43x3 x 2.5	57.9	63.0	4892	60	65.0	5769	5691	64.5	69.5	6157	6079
48x3 x 2.5	61.3	67.0	5444	63.4	69.0	6385	6302	68.1	74.0	6811	6728

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/SC Series, CHEPFP/SC Series**150/250V**

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

EPR insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:****CHEPFP86/SC**
7X3X1.5

型号: **CHEPJP/SC**
 Type: **CHEPJP80/SC**
CHEPJP90/SC
CHEPJP85/SC
CHEPJP95/SC
CHEPFP/SC
CHEPFP80/SC
CHEPFP90/SC
CHEPFP86/SC
CHEPFP96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Ployester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHEVP/SA Series, CHEFP/SA Series**150/250V**

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

图例 **Example:****CHEFP92/SA
7X2X0.75**

型号: **CHEVP/SA**
 Type: **CHEVP80/SA**
CHEVP90/SA
CHEVP82/SA
CHEVP92/SA

CHEFP/SA
CHEFP80/SA
CHEFP90/SA
CHEFP82/SA
CHEFP92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
	F	氯丁橡胶 PCP
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHEPJP/SC, CHEPFP/SC(AI-foil)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	7.7	8.8	65	8.8	9.8	112	106	10.9	12.0	154	149
2x2 x 0.75	12.4	13.0	128	14	15.5	239	226	16.1	17.5	303	290
3x2 x 0.75	13.2	15.0	162	14.8	16.5	282	268	17.1	19.0	355	341
4x2 x 0.75	14.6	16.5	206	16.2	18.0	339	324	18.5	20.5	417	401
5x2 x 0.75	16.0	18.0	244	17.6	20.0	390	374	19.9	22.0	474	457
7x2 x 0.75	17.7	20.0	320	19.3	21.5	484	466	21.8	24.0	582	564
10x2 x 0.75	23.0	25.5	464	24.6	27.0	678	654	27.3	30.0	810	787
12x2 x 0.75	23.8	26.5	528	25.4	28.0	751	727	28.1	31.0	886	861
14x2 x 0.75	25.2	28.0	607	26.8	29.5	846	820	29.7	32.5	998	973
16x2 x 0.75	26.6	29.5	677	28.2	31.0	931	903	31.1	34.0	1089	1061
19x2 x 0.75	28.3	31.5	790	29.9	33.0	1063	1034	32.8	36.0	1226	1197
24x2 x 0.75	33.6	37.0	1010	35.7	39.0	1431	1385	39	42.5	1656	1611
27x2 x 0.75	34.3	38.0	1103	36.4	40.0	1536	1489	39.7	43.5	1763	1716
30x2 x 0.75	35.8	39.5	1219	37.9	41.5	1674	1625	41.2	45.0	1906	1857
33x2 x 0.75	37.2	41.0	1321	39.3	43.5	1796	1746	42.8	47.0	2052	2002
37x2 x 0.75	38.9	43.0	1470	41	45.0	1971	1918	44.5	48.5	2233	2180
43x2 x 0.75	42.3	46.5	1698	44.4	49.0	2247	2190	48.1	52.5	2546	2489
48x2 x 0.75	44.9	49.5	1890	47	51.5	2477	2416	50.9	55.5	2812	2751
1x2 x 1.0	8.1	9.4	73	9.2	10.5	122	117	11.3	12.5	167	161
2x2 x 1.0	13.1	15.0	146	14.7	16.5	264	250	17	18.5	337	323
3x2 x 1.0	14.1	16.0	193	15.7	17.5	321	307	18	20.0	397	383
4x2 x 1.0	15.5	17.5	238	17.1	19.0	380	364	19.4	21.0	461	445
5x2 x 1.0	17.2	19.0	291	18.8	21.0	449	432	21.3	23.5	546	529
7x2 x 1.0	18.8	21.0	374	20.4	22.5	549	530	22.9	25.0	650	631
10x2 x 1.0	24.4	27.0	540	26	29.0	769	744	28.7	31.5	906	881
12x2 x 1.0	25.4	28.0	629	27	29.5	870	845	29.9	32.5	1023	997
14x2 x 1.0	26.8	29.5	712	28.4	31.5	969	942	31.3	34.0	1126	1099
16x2 x 1.0	28.5	31.5	809	30.1	33.0	1085	1055	33.2	36.0	1263	1234
19x2 x 1.0	30.3	33.5	943	32.4	35.5	1325	1284	35.5	38.5	1514	1472
24x2 x 1.0	35.9	39.5	1203	38	41.5	1658	1610	41.3	45.0	1891	1843
27x2 x 1.0	36.7	40.5	1317	38.8	42.5	1787	1737	42.3	46.0	2040	1990
30x2 x 1.0	38.3	42.0	1456	40.4	44.0	1950	1898	43.9	47.5	2208	2156
33x2 x 1.0	39.8	44.0	1578	41.9	46.0	2094	2040	45.4	49.5	2358	2304
37x2 x 1.0	41.6	45.5	1756	43.7	47.5	2300	2244	47.4	51.5	2592	2535
43x2 x 1.0	45.3	50.0	2029	47.4	52.0	2627	2566	51.3	56.0	2959	2898
48x2 x 1.0	48.0	52.5	2258	50.1	55.0	2896	2832	54.2	59.0	3265	3200

CHEPJP/SC, CHEPFP/SC(AI-foil)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	9.1	10.5	94	10.2	11.5	150	144	12.3	13.5	198	191
2x2 x 1.5	14.7	16.5	186	16.3	18.0	319	304	18.6	20.5	399	383
3x2 x 1.5	15.7	17.5	241	17.3	19.0	385	368	19.6	21.5	466	450
4x2 x 1.5	17.4	19.5	307	19	21.0	468	450	21.5	23.5	565	547
5x2 x 1.5	19.3	21.5	376	20.9	23.0	556	536	23.4	25.5	660	640
7x2 x 1.5	21.1	23.5	485	22.7	25.0	685	663	25.4	27.5	805	783
10x2 x 1.5	27.7	30.5	713	29.3	32.0	977	949	32.2	34.0	1141	1112
12x2 x 1.5	28.6	31.5	817	30.2	33.0	1094	1065	33.3	36.0	1273	1244
14x2 x 1.5	30.3	33.5	940	32.4	35.5	1322	1281	35.5	38.5	1510	1469
16x2 x 1.5	32.0	34.0	1052	34.1	37.5	1458	1414	37.4	41.0	1669	1626
19x2 x 1.5	34.0	37.5	1228	36.1	39.5	1664	1618	39.4	43.0	1882	1835
24x2 x 1.5	40.4	44.5	1564	42.5	46.5	2086	2031	46.2	50.0	2377	2322
27x2 x 1.5	41.5	45.5	1736	43.6	47.5	2278	2222	47.3	51.5	2570	2513
30x2 x 1.5	43.0	47.5	1896	45.1	49.5	2463	2404	48.8	53.0	2759	2700
33x2 x 1.5	45.0	49.5	2081	47.1	51.5	2678	2617	51	55.5	3005	2944
37x2 x 1.5	46.9	51.5	2313	49	53.5	2942	2879	52.9	57.5	3274	3211
43x2 x 1.5	51.1	56.0	2673	53.2	58.0	3366	3297	57.3	62.5	3742	3673
48x2 x 1.5	54.4	59.0	2999	56.5	61.5	3743	3670	60.8	66.0	4162	4089
1x2 x 2.5	9.9	11.5	122	11	12.5	184	177	13.1	14.5	234	227
2x2 x 2.5	16.2	18.0	243	17.8	20.0	391	374	20.1	22.0	475	459
3x2 x 2.5	17.4	19.5	329	19	21.0	491	473	21.5	23.5	587	569
4x2 x 2.5	19.4	21.5	422	21	23.0	605	585	23.5	25.5	707	687
5x2 x 2.5	21.2	23.5	507	22.8	25.0	708	687	25.5	27.5	829	807
7x2 x 2.5	23.4	26.0	676	25	27.5	904	880	27.7	30.0	1028	1004
10x2 x 2.5	30.7	33.5	986	32.8	35.5	1375	1333	35.9	39.0	1564	1522
12x2 x 2.5	31.8	35.0	1139	33.9	37.0	1547	1504	37	40.0	1736	1693
14x2 x 2.5	33.6	37.0	1312	35.7	39.0	1748	1702	39	42.0	1959	1913
16x2 x 2.5	35.8	39.0	1491	37.9	41.0	1960	1911	41.2	44.5	2178	2129
19x2 x 2.5	37.8	41.5	1725	39.9	43.5	2227	2176	43.4	47.0	2468	2417
24x2 x 2.5	45.1	49.5	2213	47.2	51.5	2818	2757	51.1	55.5	3139	3078
27x2 x 2.5	46.3	50.5	2460	48.4	52.5	3090	3028	52.3	56.5	3409	3346
30x2 x 2.5	48.0	52.5	2694	50.1	54.5	3354	3289	54.2	58.5	3701	3636
33x2 x 2.5	50.1	54.5	2954	52.2	56.5	3650	3582	56.3	61.0	4003	3935
37x2 x 2.5	52.3	57.0	3288	54.4	59.0	4024	3954	58.7	63.5	4408	4338
43x2 x 2.5	57.2	62.0	3827	59.3	64.5	4643	4566	63.8	69.0	5077	5000
48x2 x 2.5	60.6	66.0	4255	62.7	68.0	5129	5047	67.4	73.0	5608	5526

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/SC, CHEPFP/SC (Al-foil)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	8.1	9.4	79	9.2	10.5	129	123	11.3	12.5	171	166
2x3 x 0.75	13.9	15.5	167	15.5	17.0	292	278	17.8	19.5	368	354
3x3 x 0.75	14.8	16.5	215	16.4	18.5	350	335	18.7	20.5	427	412
4x3 x 0.75	16.3	18.5	266	17.9	20.0	416	399	20.2	22.5	498	481
5x3 x 0.75	18.0	20.0	325	19.6	22.0	491	473	22.1	24.5	590	572
7x3 x 0.75	19.9	22.0	429	21.5	24.0	616	596	24	26.5	720	699
10x3 x 0.75	25.8	28.5	619	27.4	30.5	863	837	30.3	33.0	1017	991
12x3 x 0.75	26.7	30.0	708	28.3	31.5	964	937	31.2	34.5	1120	1093
14x3 x 0.75	28.3	31.5	816	29.9	33.0	1090	1061	32.8	36.0	1251	1222
16x3 x 0.75	30.1	33.5	926	32.2	35.5	1305	1264	35.3	38.5	1492	1450
19x3 x 0.75	31.8	35.5	1066	33.9	37.5	1470	1427	37	40.5	1661	1618
24x3 x 0.75	37.8	42.0	1359	39.9	44.0	1843	1791	43.4	47.5	2101	2049
27x3 x 0.75	38.8	42.5	1509	40.9	45.0	2011	1958	44.4	48.5	2269	2216
30x3 x 0.75	40.2	44.5	1647	42.3	46.5	2171	2116	46	50.5	2454	2400
33x3 x 0.75	42.1	46.5	1808	44.2	48.5	2360	2303	47.9	52.5	2651	2594
37x3 x 0.75	43.9	48.0	2011	46	50.5	2593	2533	49.7	54.0	2888	2829
43x3 x 0.75	47.9	52.5	2324	50	55.0	2965	2900	53.9	59.0	3303	3238
48x3 x 0.75	50.7	56.0	2585	52.8	58.0	3269	3200	56.9	62.0	3644	3576
1x3 x 1.0	8.7	10.0	95	9.8	11.0	149	143	11.9	13.0	193	187
2x3 x 1.0	14.7	16.5	192	16.3	18.0	325	310	18.6	20.5	403	388
3x3 x 1.0	15.7	17.5	249	17.3	19.0	393	377	19.6	21.5	474	458
4x3 x 1.0	17.4	19.5	318	19	21.0	479	461	21.5	23.5	575	557
5x3 x 1.0	19.3	21.5	390	20.9	23.0	570	550	23.4	25.5	673	653
7x3 x 1.0	21.1	23.5	505	22.7	25.0	706	684	25.4	27.5	824	802
10x3 x 1.0	27.7	30.5	742	29.3	32.0	1008	979	32.2	34.0	1168	1140
12x3 x 1.0	28.6	31.5	851	30.2	33.0	1129	1100	33.3	36.5	1306	1277
14x3 x 1.0	30.3	33.5	980	32.4	35.5	1364	1323	35.5	38.5	1549	1507
16x3 x 1.0	32.0	34.0	1097	34.1	37.5	1505	1461	37.4	41.0	1714	1670
19x3 x 1.0	34.0	37.5	1282	36.1	39.5	1721	1675	39.4	43.0	1935	1888
24x3 x 1.0	40.4	44.5	1633	42.5	46.5	2158	2104	46.2	50.5	2444	2389
27x3 x 1.0	41.5	45.5	1813	43.6	47.5	2359	2303	47.3	51.5	2645	2589
30x3 x 1.0	43.0	47.5	1982	45.1	49.5	2553	2495	48.8	53.5	2843	2784
33x3 x 1.0	45.0	49.5	2175	47.1	51.5	2777	2716	51	55.5	3097	3036
37x3 x 1.0	47.0	51.5	2421	49.1	53.5	3057	2993	53	57.5	3382	3318
43x3 x 1.0	51.2	56.0	2797	53.3	58.5	3497	3428	57.4	62.5	3867	3798
48x3 x 1.0	54.4	59.5	3136	56.5	61.5	3887	3814	60.8	66.0	4298	4224

CHEPJP/SC, CHEPFP/SC (Al-foil)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x3x截面面积 No of triples x 3 x cross section area	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	9.6	11.0	118	10.7	12.0	178	171	12.8	14.0	226	219
2x3 x 1.5	16.6	18.5	248	18.2	20.0	399	382	20.7	22.5	494	476
3x3 x 1.5	17.6	19.5	324	19.2	21.0	487	469	21.7	24.0	583	565
4x3 x 1.5	19.6	22.0	415	21.2	23.5	599	579	23.7	26.0	702	681
5x3 x 1.5	21.5	24.0	498	23.1	25.5	701	679	25.8	28.5	823	801
7x3 x 1.5	23.7	26.0	662	25.3	27.5	891	867	28	30.5	1018	994
10x3 x 1.5	31.1	34.0	968	33.2	36.0	1360	1318	36.3	39.5	1551	1508
12x3 x 1.5	32.2	35.5	1116	34.3	37.5	1527	1483	37.6	41.0	1736	1692
14x3 x 1.5	34.1	37.5	1285	36.2	39.5	1725	1679	39.5	43.0	1940	1893
16x3 x 1.5	36.3	39.5	1460	38.4	42.0	1933	1883	41.9	45.5	2173	2124
19x3 x 1.5	38.5	42.0	1705	40.6	44.0	2214	2161	44.1	48.0	2460	2407
24x3 x 1.5	45.7	50.0	2166	47.8	52.0	2775	2713	51.7	56.0	3102	3040
27x3 x 1.5	46.9	51.0	2406	49	53.5	3040	2977	52.9	57.0	3365	3302
30x3 x 1.5	48.7	53.5	2635	50.8	55.5	3300	3234	54.9	59.5	3654	3588
33x3 x 1.5	50.8	55.5	2888	52.9	58.0	3588	3519	57	62.0	3950	3881
37x3 x 1.5	53.1	58.0	3215	55.2	55.0	3956	3885	59.5	64.5	4350	4278
43x3 x 1.5	58.0	63.5	3741	60.1	65.5	4561	4483	64.6	70.0	5006	4927
48x3 x 1.5	61.5	67.0	4160	63.6	69.0	5039	4956	68.3	74.0	5529	5447
1x3 x 2.5	10.5	12.0	158	12.1	13.5	256	244	14.2	15.5	308	297
2x3 x 2.5	18.2	20.0	329	19.8	22.0	497	479	22.3	24.5	596	578
3x3 x 2.5	19.6	21.5	450	21.2	23.0	636	616	23.7	25.5	737	717
4x3 x 2.5	21.6	24.0	569	23.2	25.5	777	755	25.9	28.5	895	873
5x3 x 2.5	23.9	26.5	700	25.5	28.0	933	908	28.2	30.5	1058	1034
7x3 x 2.5	26.4	29.0	938	28	30.5	1203	1176	30.9	33.5	1346	1319
10x3 x 2.5	34.6	34.0	1362	36.7	40.0	1811	1764	40	43.5	2026	1979
12x3 x 2.5	36.0	39.5	1598	38.1	41.5	2074	2025	41.6	45.0	2306	2257
14x3 x 2.5	37.9	41.5	1825	40	43.5	2333	2282	43.5	47.5	2568	2517
16x3 x 2.5	40.3	44.0	2074	42.4	46.0	2620	2566	46.1	50.0	2883	2828
19x3 x 2.5	42.8	47.0	2429	44.9	49.0	3020	2962	48.6	52.5	3286	3228
24x3 x 2.5	50.9	55.5	3103	53	58.0	3815	3746	57.1	62.0	4167	4098
27x3 x 2.5	52.3	57.0	3453	54.4	59.0	4198	4127	58.7	63.5	4571	4501
30x3 x 2.5	54.5	59.0	3815	56.6	61.5	4601	4528	60.9	66.0	4979	4905
33x3 x 2.5	56.7	62.0	4156	58.8	64.0	4983	4907	63.3	68.5	5394	5317
37x3 x 2.5	59.1	64.5	4627	61.2	66.5	5503	5424	65.7	71.0	5915	5836
43x3 x 2.5	64.6	70.5	5380	66.7	72.5	6353	6266	71.6	77.5	6849	6762
48x3 x 2.5	68.7	74.5	6017	70.8	76.5	7066	6974	75.9	82.0	7610	7518

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/SC, CHEFPF/SC(铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEFPF/SC			CHEPJP80/SC, CHEFPF80/SC CHEPJP90/SC, CHEFPF90/SC				CHEPJP85/SC, CHEFPF86/SC CHEPJP95/SC, CHEFPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.6	9.8	115	9.7	11.0	169	163	11.8	13.0	213	207
2x2 x 0.75	13.6	15.5	222	15.2	17.0	348	334	17.5	19.5	419	405
3x2 x 0.75	14.7	16.5	307	16.3	18.0	446	431	18.6	20.5	518	503
4x2 x 0.75	16.1	18.0	388	17.7	20.0	542	526	20	22.0	618	601
5x2 x 0.75	17.9	20.0	479	19.5	21.5	652	634	22	24.0	743	724
7x2 x 0.75	19.7	22.0	644	21.3	23.5	840	820	23.8	26.0	932	912
10x2 x 0.75	25.6	28.0	926	27.2	29.5	1184	1158	30.1	32.5	1322	1296
12x2 x 0.75	26.5	29.0	1078	28.1	30.5	1351	1324	31	33.5	1487	1459
14x2 x 0.75	28.0	31.0	1246	29.6	32.5	1539	1511	32.5	35.5	1676	1648
16x2 x 0.75	29.6	33.0	1404	31.2	34.5	1718	1688	34.3	37.5	1874	1844
19x2 x 0.75	31.5	34.5	1650	33.6	34.0	2080	2037	36.7	40.0	2240	2197
24x2 x 0.75	37.3	41.0	2096	39.4	43.0	2611	2560	42.9	46.5	2828	2777
27x2 x 0.75	38.4	42.0	2339	40.5	44.0	2878	2826	44	47.5	3091	3039
30x2 x 0.75	39.8	43.5	2570	41.9	46.0	3136	3082	45.4	49.5	3349	3295
33x2 x 0.75	41.6	45.5	2823	43.7	47.5	3421	3364	47.4	51.5	3656	3600
37x2 x 0.75	43.2	47.5	3129	45.3	49.5	3759	3701	49	53.5	3993	3934
43x2 x 0.75	47.3	51.5	3646	49.4	53.5	4346	4282	53.3	57.5	4613	4549
48x2 x 0.75	50.1	55.0	4061	52.2	57.0	4812	4744	56.3	61.0	5109	5041
1x2 x 1.0	9.0	10.5	127	10.1	11.5	184	178	12.2	13.0	229	223
2x2 x 1.0	14.6	16.0	253	16.2	18.0	388	373	18.5	20.0	463	448
3x2 x 1.0	15.5	17.0	341	17.1	19.0	488	472	19.4	21.0	563	547
4x2 x 1.0	17.2	19.0	441	18.8	20.5	607	589	21.3	23.0	695	677
5x2 x 1.0	18.8	21.0	534	20.4	22.5	717	698	22.9	25.0	810	790
7x2 x 1.0	20.8	23.0	720	22.4	24.5	929	907	25.1	27.0	1034	1013
10x2 x 1.0	27.0	30.0	1034	28.6	31.5	1309	1281	31.5	34.5	1450	1423
12x2 x 1.0	28.2	31.0	1219	29.8	32.5	1513	1484	32.7	35.5	1653	1624
14x2 x 1.0	29.6	32.5	1395	31.2	34.0	1709	1679	34.3	37.5	1865	1834
16x2 x 1.0	31.5	34.5	1588	33.6	36.5	2015	1972	36.7	39.5	2178	2135
19x2 x 1.0	33.4	36.5	1864	35.5	38.5	2326	2280	38.8	42.0	2506	2460
24x2 x 1.0	39.7	43.5	2368	41.8	45.5	2923	2869	45.3	49.0	3145	3091
27x2 x 1.0	40.6	44.5	2623	42.7	46.5	3200	3145	46.4	50.5	3437	3382
30x2 x 1.0	42.3	46.0	2903	44.4	48.0	3512	3455	48.1	52.0	3750	3693
33x2 x 1.0	44.2	48.0	3188	46.3	50.5	3832	3772	50.2	54.5	4094	4034
37x2 x 1.0	45.9	50.5	3534	48	52.5	4214	4152	51.9	55.0	4474	4412
43x2 x 1.0	50.2	55.0	4116	52.3	57.0	4871	4803	56.4	61.0	5166	5098
48x2 x 1.0	53.2	58.0	4584	55.3	60.5	5395	5323	59.6	64.5	5721	5649

CHEPJP/SC, CHEFPF/SC(铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEFPF/SC			CHEPJP80/SC, CHEFPF80/SC CHEPJP90/SC, CHEFPF90/SC				CHEPJP85/SC, CHEFPF86/SC CHEPJP95/SC, CHEFPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	9.8	11.0	151	10.9	12.0	213	207	13	14.5	260	253
2x2 x 1.5	16.0	17.5	300	17.6	19.0	449	433	19.9	21.5	529	512
3x2 x 1.5	17.2	19.0	415	18.8	20.5	580	562	21.3	23.0	669	651
4x2 x 1.5	18.9	21.0	528	20.5	22.5	712	692	23	25.0	805	785
5x2 x 1.5	21.0	23.0	651	22.6	24.5	858	836	25.3	27.5	969	947
7x2 x 1.5	23.1	25.5	877	24.7	27.0	1112	1089	27.4	29.5	1224	1200
10x2 x 1.5	30.3	33.0	1274	32.4	35.0	1673	1631	35.5	38.5	1843	1801
12x2 x 1.5	31.3	34.0	1484	33.4	34.0	1904	1861	36.5	39.5	2070	2027
14x2 x 1.5	33.1	36.0	1714	35.2	38.0	2165	2120	38.5	41.5	2351	2306
16x2 x 1.5	35.0	38.5	1934	37.1	40.5	2416	2369	40.4	44.0	2605	2557
19x2 x 1.5	37.2	41.0	2272	39.3	43.0	2795	2744	42.8	46.5	3002	2951
24x2 x 1.5	44.3	48.0	2902	46.4	50.5	3533	3473	50.3	54.5	3811	3751
27x2 x 1.5	45.3	49.5	3214	47.4	51.5	3871	3810	51.3	55.5	4142	4081
30x2 x 1.5	47.2	51.5	3557	49.3	53.5	4252	4188	53.2	55.0	4522	4458
33x2 x 1.5	49.3	53.5	3904	51.4	55.5	4639	4572	55.5	60.0	4935	4869
37x2 x 1.5	51.3	56.0	4330	53.4	58.0	5108	5038	57.5	62.0	5402	5332
43x2 x 1.5	56.1	61.0	5039	58.2	63.0	5904	5828	62.7	67.5	6264	6189
48x2 x 1.5	59.4	64.5	5610	61.5	67.0	6539	6459	66	71.5	6904	6824
1x2 x 2.5	10.6	12.0	185	12.2	13.5	285	274	14.3	15.5	336	325
2x2 x 2.5	17.6	19.5	377	19.2	21.0	543	525	21.7	23.5	636	618
3x2 x 2.5	18.8	21.0	516	20.4	22.5	699	679	22.9	25.0	791	772
4x2 x 2.5	20.9	23.0	669	22.5	24.5	876	855	25.2	27.0	985	963
5x2 x 2.5	23.1	25.5	825	24.7	27.0	1058	1034	27.4	29.5	1172	1148
7x2 x 2.5	25.5	28.0	1114	27.1	29.5	1381	1354	30	32.5	1509	1483
10x2 x 2.5	33.3	36.0	1612	35.4	38.5	2060	2014	38.7	41.5	2252	2206
12x2 x 2.5	34.5	37.5	1884	36.6	39.5	2358	2311	39.9	43.0	2545	2498
14x2 x 2.5	36.5	39.5	2178	38.6	42.0	2689	2639	42.1	45.5	2895	2846
16x2 x 2.5	38.8	42.0	2478	40.9	44.0	3028	2976	44.4	48.0	3238	3185
19x2 x 2.5	41.2	45.0	2910	43.3	47.0	3508	3452	47	50.5	3736	3680
24x2 x 2.5	49.0	53.0	3709	51.1	55.0	4431	4365	55.2	59.5	4735	4668
27x2 x 2.5	50.1	54.5	4112	52.2	56.5	4866	4798	56.3	60.5	5160	5092
30x2 x 2.5	52.2	56.5	4550	54.3	58.5	5348	5278	58.6	63.0	5667	5596
33x2 x 2.5	54.5	59.0	4993	56.6	61.0	5838	5765	60.9	65.5	6156	6083
37x2 x 2.5	56.7	61.5	5542	58.8	63.5	6438	6362	63.3	68.5	6780	6703
43x2 x 2.5	61.9	67.0	6444	64	69.5	7441	7358	68.7	74.0	7822	7738
48x2 x 2.5	65.8	71.0	7204	67.9	73.5	8281	8193	72.8	78.5	8699	8611

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/SC, CHEPFP/SC (铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	8.8	10.0	132	9.9	11.5	188	182	12	13.5	231	225
2x3 x 0.75	14.8	16.5	266	16.4	18.5	404	388	18.7	20.5	479	464
3x3 x 0.75	15.7	18.0	360	17.3	19.5	510	493	19.6	21.5	584	568
4x3 x 0.75	17.5	19.5	466	19.1	21.0	636	617	21.6	24.0	724	706
5x3 x 0.75	19.4	21.5	575	21	23.0	765	745	23.5	25.5	859	839
7x3 x 0.75	21.2	24.0	763	22.8	25.5	977	955	25.5	28.0	1084	1062
10x3 x 0.75	27.7	30.5	1109	29.3	32.5	1393	1365	32.2	35.0	1536	1507
12x3 x 0.75	28.7	31.5	1293	30.3	33.5	1594	1565	33.4	36.5	1749	1720
14x3 x 0.75	30.4	33.5	1496	32.5	35.5	1907	1865	35.6	39.0	2066	2025
16x3 x 0.75	32.1	35.5	1687	34.2	38.0	2126	2082	37.5	41.0	2305	2261
19x3 x 0.75	34.1	37.5	1982	36.2	39.5	2457	2411	39.5	43.0	2636	2590
24x3 x 0.75	40.5	45.0	2516	42.6	47.0	3087	3032	46.3	50.5	3329	3274
27x3 x 0.75	41.6	46.0	2807	43.7	48.0	3404	3348	47.4	51.5	3641	3585
30x3 x 0.75	43.2	47.5	3088	45.3	50.0	3716	3658	49	53.5	3952	3893
33x3 x 0.75	45.1	50.0	3390	47.2	52.0	4054	3993	51.1	56.0	4314	4253
37x3 x 0.75	47.1	51.5	3782	49.2	54.0	4487	4423	53.1	58.0	4745	4682
43x3 x 0.75	51.3	56.5	4380	53.4	58.5	5160	5091	57.5	63.0	5451	5382
48x3 x 0.75	54.6	60.0	4904	56.7	62.0	5746	5672	61	66.5	6069	5996
1x3 x 1.0	9.2	10.5	147	10.3	11.5	206	200	12.4	14.0	251	244
2x3 x 1.0	15.6	17.5	298	17.2	19.0	444	428	19.5	21.5	521	505
3x3 x 1.0	16.8	19.0	412	18.4	20.5	573	556	20.9	23.0	661	644
4x3 x 1.0	18.5	21.0	525	20.1	22.5	706	686	22.6	25.0	797	778
5x3 x 1.0	20.5	23.0	648	22.1	24.5	851	830	24.8	27.0	958	937
7x3 x 1.0	22.6	25.0	874	24.2	26.5	1105	1082	26.9	29.5	1214	1190
10x3 x 1.0	29.4	32.5	1254	31	34.0	1559	1529	34.1	37.5	1721	1691
12x3 x 1.0	30.6	33.5	1478	32.7	36.0	1890	1848	35.8	39.0	2052	2011
14x3 x 1.0	32.2	35.5	1694	34.3	38.0	2134	2090	37.6	41.0	2314	2270
16x3 x 1.0	34.2	38.0	1928	36.3	40.0	2401	2355	39.6	43.5	2584	2537
19x3 x 1.0	36.4	40.0	2265	38.5	42.0	2779	2729	42	45.5	2981	2931
24x3 x 1.0	43.1	47.5	2873	45.2	49.5	3489	3431	48.9	53.5	3735	3677
27x3 x 1.0	44.3	48.5	3206	46.4	50.5	3852	3792	50.3	54.5	4114	4054
30x3 x 1.0	46.0	50.5	3527	48.1	52.5	4207	4145	52	56.5	4468	4406
33x3 x 1.0	48.0	53.0	3871	50.1	55.0	4590	4525	54.2	59.0	4877	4812
37x3 x 1.0	50.1	55.0	4319	52.2	57.0	5083	5015	56.3	61.5	5366	5299
43x3 x 1.0	54.8	60.0	5026	56.9	62.0	5876	5802	61.2	66.5	6196	6122
48x3 x 1.0	58.1	63.5	5597	60.2	66.0	6511	6433	64.7	70.5	6864	6785

CHEPJP/SC, CHEPFP/SC (铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.1	11.5	178	11.7	13.0	273	263	13.8	15.0	322	312
2x3 x 1.5	17.4	19.5	367	19	21.0	531	513	21.5	23.5	623	605
3x3 x 1.5	18.6	21.0	501	20.2	22.5	681	662	22.7	25.0	774	754
4x3 x 1.5	20.6	23.0	648	22.2	24.5	852	830	24.9	27.0	960	939
5x3 x 1.5	22.8	25.5	800	24.4	27.0	1029	1006	27.1	29.5	1142	1119
7x3 x 1.5	25.2	28.0	1080	26.8	29.5	1342	1317	29.7	32.5	1470	1444
10x3 x 1.5	33.0	36.0	1564	35.1	38.5	2006	1961	38.4	41.5	2198	2153
12x3 x 1.5	34.2	34.0	1826	36.3	39.5	2294	2248	39.6	43.0	2482	2436
14x3 x 1.5	36.2	39.5	2112	38.3	42.0	2616	2567	41.8	45.5	2823	2774
16x3 x 1.5	38.5	42.0	2402	40.6	44.0	2945	2893	44.1	48.0	3156	3104
19x3 x 1.5	40.6	44.5	2801	42.7	46.5	3387	3332	46.4	50.5	3616	3561
24x3 x 1.5	48.4	53.0	3573	50.5	55.0	4282	4216	54.6	59.5	4587	4521
27x3 x 1.5	49.7	54.0	3985	51.8	56.5	4728	4661	55.9	55.0	5025	4958
30x3 x 1.5	51.8	56.5	4409	53.9	58.5	5196	5126	58	63.0	5491	5421
33x3 x 1.5	53.9	59.0	4813	56	61.0	5643	5570	60.3	65.5	5964	5892
37x3 x 1.5	56.2	61.5	5368	58.3	63.5	6250	6174	62.8	68.0	6595	6519
43x3 x 1.5	61.4	67.0	6242	63.5	69.0	7224	7141	68.2	74.0	7609	7527
48x3 x 1.5	65.3	71.0	6980	67.4	73.0	8041	7953	72.3	78.0	8464	8376
1x3 x 2.5	10.9	12.5	224	12.5	14.0	328	317	14.6	16.5	379	367
2x3 x 2.5	19.0	21.5	461	20.6	23.0	642	623	23.1	25.5	740	720
3x3 x 2.5	20.5	22.5	647	22.1	24.5	850	829	24.8	27.0	957	936
4x3 x 2.5	22.8	25.0	840	24.4	27.0	1071	1048	27.1	29.5	1183	1160
5x3 x 2.5	25.2	28.0	1037	26.8	29.5	1297	1271	29.7	32.5	1427	1401
7x3 x 2.5	27.8	30.5	1404	29.4	32.5	1704	1675	32.3	35.0	1832	1803
10x3 x 2.5	36.5	40.0	2028	38.6	42.0	2531	2481	42.1	45.5	2746	2696
12x3 x 2.5	37.7	41.5	2374	39.8	43.5	2907	2856	43.3	47.0	3114	3063
14x3 x 2.5	39.9	44.0	2747	42	46.0	3323	3269	45.5	49.5	3528	3474
16x3 x 2.5	42.5	46.5	3127	44.6	48.5	3750	3692	48.3	52.5	3978	3920
19x3 x 2.5	45.1	49.5	3675	47.2	51.5	4353	4292	51.1	55.5	4599	4538
24x3 x 2.5	53.7	58.5	4678	55.8	60.5	5499	5426	60.1	65.0	5825	5753
27x3 x 2.5	55.1	60.0	5219	57.2	62.0	6082	6008	61.5	66.5	6395	6321
30x3 x 2.5	57.4	62.5	5775	59.5	64.5	6691	6613	64	69.0	7027	6950
33x3 x 2.5	59.9	65.0	6335	62	67.0	7306	7225	66.5	72.0	7640	7559
37x3 x 2.5	62.5	68.0	7066	64.6	70.0	8101	8017	69.3	75.0	8457	8373
43x3 x 2.5	68.3	74.0	8211	70.4	76.0	9366	9274	75.5	81.5	9795	9703
48x3 x 2.5	72.3	78.5	9139	74.4	81.0	10383	10286	79.7	86.0	10849	10752

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJ/NC Series, CHEPF/NC Series**150/250V**

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

EPR insulated halogen-free low-smoke shipboard symmetrical communication cable图例 **Example:****CHEPJ85/NC
7X2X0.75**

型号: **CHEPJ/NC**
 Type: **CHEPJ80/NC**
CHEPJ90/NC
CHEPJ85/NC
CHEPJ95/NC

CHEPF/NC
CHEPF80/NC
CHEPF90/NC
CHEPF86/NC
CHEPF96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHEV/NA Series, CHEF/NA Series**150/250V**

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

图例 **Example:****CHEV82/NA
7X3X0.75**

型号: **CHEV/NA**
 Type: **CHEV80/NA**
CHEV90/NA
CHEV82/NA
CHEV92/NA

CHEF/NA
CHEF80/NA
CHEF90/NA
CHEF82/NA
CHEF92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
	F	氯丁橡胶 PCP
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEPF/NC			CHEPJ80/NC, CHEPF80/NC CHEPJ90/NC, CHEPF90/NC				CHEPJ85/NC, CHEPF86/NC CHEPJ95/NC, CHEPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	8.8	10.0	74	9.9	11.0	127	121	12.0	13.0	174	168
2x2 x 0.75	13.1	14.5	133	14.7	16.5	250	237	17.0	18.5	325	311
3x2 x 0.75	14.1	16.0	174	15.7	17.5	301	287	18.0	20.0	378	364
4x2 x 0.75	15.5	17.5	213	17.1	19.0	354	338	19.4	21.0	436	419
5x2 x 0.75	17.2	19.0	260	18.8	20.5	417	399	21.3	23.0	515	497
7x2 x 0.75	18.7	21.0	329	20.3	22.5	501	482	22.8	25.0	605	585
10x2 x 0.75	24.4	27.0	477	26	28.5	703	678	28.7	31.5	844	819
12x2 x 0.75	25.4	28.0	554	27	29.5	792	766	29.9	32.5	948	922
14x2 x 0.75	26.7	29.5	623	28.3	31.5	875	847	31.2	34.0	1036	1009
16x2 x 0.75	28.5	31.5	708	30.1	33.0	978	949	33.2	34.0	1163	1134
19x2 x 0.75	30.2	33.5	823	32.3	35.5	1198	1157	35.4	38.5	1392	1351
24x2 x 0.75	35.9	39.5	1053	38	41.5	1501	1452	41.3	45.0	1741	1692
27x2 x 0.75	36.7	40.0	1148	38.8	42.5	1609	1559	42.3	46.0	1871	1821
30x2 x 0.75	38.2	42.0	1267	40.3	44.0	1750	1698	43.8	47.5	2017	1965
33x2 x 0.75	39.8	44.0	1371	41.9	46.0	1877	1823	45.4	49.5	2152	2098
37x2 x 0.75	41.5	45.5	1523	43.6	47.5	2055	1998	47.3	51.5	2357	2301
43x2 x 0.75	45.3	49.5	1760	47.4	52.0	2345	2283	51.3	56.0	2690	2628
48x2 x 0.75	48.0	52.5	1957	50.1	54.5	2580	2515	54.2	59.0	2965	2900
1x2 x 1.0	9.2	10.5	83	10.3	11.5	139	132	12.4	13.5	187	181
2x2 x 1.0	14.0	15.5	157	15.6	17.0	283	268	17.9	19.5	360	346
3x2 x 1.0	14.8	16.5	198	16.4	18.0	332	317	18.7	20.5	412	397
4x2 x 1.0	16.3	18.5	244	17.9	20.0	393	376	20.2	22.5	477	461
5x2 x 1.0	18.1	20.0	299	19.7	21.5	465	446	22.2	24.0	566	548
7x2 x 1.0	19.9	22.0	391	21.5	23.5	576	556	24.0	26.0	683	662
10x2 x 1.0	25.9	28.5	565	27.5	30.0	807	781	30.4	33.0	966	940
12x2 x 1.0	26.8	29.5	644	28.4	31.5	898	870	31.3	34.0	1058	1031
14x2 x 1.0	28.4	31.0	740	30	33.0	1011	982	32.9	35.5	1178	1149
16x2 x 1.0	30.2	33.0	840	32.3	35.5	1216	1175	35.4	38.5	1408	1367
19x2 x 1.0	31.9	35.0	963	34	37.5	1363	1320	37.1	40.5	1561	1518
24x2 x 1.0	37.9	41.5	1229	40	43.5	1707	1656	43.5	47.5	1974	1922
27x2 x 1.0	38.9	42.5	1362	41	44.5	1858	1805	44.5	48.0	2125	2073
30x2 x 1.0	40.3	44.5	1484	42.4	46.5	2001	1946	46.1	50.0	2295	2240
33x2 x 1.0	42.2	46.0	1629	44.3	48.0	2174	2116	48.0	52.0	2476	2418
37x2 x 1.0	44.0	48.0	1809	46.1	50.0	2382	2322	50.0	54.0	2714	2654
43x2 x 1.0	48.0	52.5	2090	50.1	54.5	2720	2655	54.2	59.0	3098	3033
48x2 x 1.0	50.8	55.5	2323	52.9	58.0	2995	2926	57.0	62.0	3387	3318

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEPF/NC			CHEPJ80/NC, CHEPF80/NC CHEPJ90/NC, CHEPF90/NC				CHEPJ85/NC, CHEPF86/NC CHEPJ95/NC, CHEPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	10.0	11.5	100	11.1	12.5	161	154	13.2	14.5	212	205
2x2 x 1.5	15.3	17.0	191	16.9	18.5	329	313	19.2	21.0	411	395
3x2 x 1.5	16.3	18.5	245	17.9	20.0	394	377	20.2	22.0	479	462
4x2 x 1.5	18.1	20.0	313	19.7	21.5	480	461	22.2	24.0	580	561
5x2 x 1.5	20.0	22.0	382	21.6	24.0	567	547	24.1	26.5	675	655
7x2 x 1.5	22.1	24.5	503	23.7	26.0	712	689	26.4	28.5	837	814
10x2 x 1.5	28.7	31.5	724	30.3	33.0	997	968	33.4	36.0	1182	1152
12x2 x 1.5	29.7	33.0	829	31.3	34.5	1115	1085	34.4	37.5	1302	1271
14x2 x 1.5	31.5	34.5	954	33.6	36.5	1350	1307	36.7	39.5	1546	1503
16x2 x 1.5	33.5	36.5	1082	35.6	39.0	1506	1460	38.9	42.0	1727	1682
19x2 x 1.5	35.6	39.0	1262	37.7	41.0	1717	1669	41.0	44.5	1945	1896
24x2 x 1.5	42.2	46.0	1605	44.3	48.0	2148	2091	48.0	52.0	2452	2395
27x2 x 1.5	43.1	47.0	1759	45.2	49.5	2320	2261	48.9	53.0	2623	2565
30x2 x 1.5	44.9	49.0	1942	47	51.0	2531	2470	50.9	55.0	2864	2803
33x2 x 1.5	47.0	51.0	2130	49.1	53.5	2751	2688	53.0	57.0	3093	3029
37x2 x 1.5	49.0	53.5	2366	51.1	55.5	3021	2954	55.2	59.5	3394	3328
43x2 x 1.5	53.4	58.5	2732	55.5	60.5	3452	3380	59.8	65.0	3875	3803
48x2 x 1.5	56.6	61.5	3038	58.7	64.0	3808	3732	63.2	68.5	4275	4199
1x2 x 2.5	10.8	12.5	128	12.4	14.0	226	215	14.5	16.0	282	271
2x2 x 2.5	16.8	18.5	254	18.4	20.0	407	390	20.9	22.5	504	486
3x2 x 2.5	17.9	20.0	333	19.5	21.5	499	481	22.0	24.0	598	579
4x2 x 2.5	19.9	22.0	427	21.5	23.5	614	593	24.0	26.0	719	698
5x2 x 2.5	22.0	24.0	523	23.6	25.5	732	709	26.3	28.5	856	833
7x2 x 2.5	24.1	26.5	683	25.7	28.5	917	892	28.4	31.0	1045	1020
10x2 x 2.5	31.6	34.5	997	33.7	36.5	1396	1353	36.8	39.5	1590	1547
12x2 x 2.5	32.9	34.0	1165	35	38.0	1586	1541	38.3	41.5	1799	1754
14x2 x 2.5	34.6	38.0	1324	36.7	40.0	1771	1724	40.0	43.5	1989	1942
16x2 x 2.5	36.8	40.0	1504	38.9	42.0	1984	1934	42.4	45.5	2228	2178
19x2 x 2.5	39.0	42.5	1757	41.1	44.5	2274	2221	44.6	48.0	2522	2469
24x2 x 2.5	46.5	50.5	2253	48.6	52.5	2875	2812	52.5	56.5	3206	3143
27x2 x 2.5	47.6	51.5	2480	49.7	54.0	3125	3061	53.6	58.0	3455	3390
30x2 x 2.5	49.6	54.0	2739	51.7	56.0	3419	3352	55.8	60.0	3778	3711
33x2 x 2.5	51.7	56.0	3001	53.8	58.0	3716	3647	57.9	62.5	4082	4012
37x2 x 2.5	53.8	58.5	3313	55.9	60.5	4067	3994	60.2	65.0	4465	4392
43x2 x 2.5	58.8	64.0	3856	60.9	66.0	4691	4611	65.4	70.5	5140	5060
48x2 x 2.5	62.5	67.5	4317	64.6	70.0	5215	5130	69.3	74.5	5710	5625

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJ/NC, CHEPF/NC			CHEPJ80/NC, CHEPF80/NC CHEPJ90/NC, CHEPF90/NC				CHEPJ85/NC, CHEPF86/NC CHEPJ95/NC, CHEPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x3 x 0.75	9.3	10.5	88	10.4	11.5	145	138	12.5	14.0	193	186
2x3 x 0.75	14.8	16.5	173	16.4	18.0	306	291	18.7	20.5	385	370
3x3 x 0.75	15.8	17.5	220	17.4	19.0	363	347	19.7	21.5	446	430
4x3 x 0.75	17.6	19.5	280	19.2	21.0	441	423	21.7	23.5	539	521
5x3 x 0.75	19.4	21.5	341	21	23.0	520	500	23.5	25.5	625	605
7x3 x 0.75	21.2	24.0	436	22.8	25.5	634	612	25.5	28.0	756	734
10x3 x 0.75	27.9	30.5	644	29.5	32.5	906	878	32.4	35.0	1073	1044
12x3 x 0.75	28.8	31.5	733	30.4	33.5	1007	978	33.5	36.5	1191	1161
14x3 x 0.75	30.5	33.5	842	32.6	35.5	1221	1180	35.7	39.0	1414	1373
16x3 x 0.75	32.3	35.5	940	34.4	37.5	1343	1299	37.7	41.0	1562	1518
19x3 x 0.75	34.3	37.5	1095	36.4	39.5	1528	1481	39.7	43.0	1753	1706
24x3 x 0.75	40.9	45.0	1415	43	47.0	1935	1879	46.7	50.5	2235	2180
27x3 x 0.75	41.8	45.5	1547	43.9	48.0	2083	2026	47.6	51.5	2385	2328
30x3 x 0.75	43.3	47.5	1686	45.4	50.0	2245	2187	49.1	53.5	2552	2493
33x3 x 0.75	45.3	49.5	1849	47.4	52.0	2438	2377	51.3	56.0	2777	2716
37x3 x 0.75	47.3	51.5	2055	49.4	54.0	2676	2612	53.3	58.0	3022	2958
43x3 x 0.75	51.7	56.5	2395	53.8	58.5	3080	3010	57.9	63.0	3475	3405
48x3 x 0.75	54.8	60.0	2662	56.9	62.0	3394	3320	61.2	66.5	3832	3758
1x3 x 1.0	9.7	11.0	100	10.8	12.0	159	153	12.9	14.5	209	202
2x3 x 1.0	15.6	17.5	198	17.2	19.0	339	323	19.5	21.5	421	405
3x3 x 1.0	16.8	18.5	262	18.4	20.5	416	398	20.9	23.0	511	494
4x3 x 1.0	18.5	20.5	325	20.1	22.0	496	476	22.6	24.5	597	578
5x3 x 1.0	20.5	22.5	398	22.1	24.5	588	567	24.8	27.0	708	687
7x3 x 1.0	22.6	25.0	524	24.2	26.5	738	714	26.9	29.0	864	840
10x3 x 1.0	29.4	32.5	754	31	34.0	1034	1004	34.1	37.0	1221	1191
12x3 x 1.0	30.6	33.5	878	32.7	35.5	1260	1218	35.8	39.0	1453	1411
14x3 x 1.0	32.2	35.5	994	34.3	37.5	1399	1355	37.6	41.0	1614	1570
16x3 x 1.0	34.2	37.5	1128	36.3	39.5	1561	1515	39.6	43.0	1784	1737
19x3 x 1.0	36.3	40.0	1315	38.4	42.0	1780	1731	41.9	45.5	2028	1979
24x3 x 1.0	43.1	47.5	1673	45.2	49.5	2229	2171	48.9	53.5	2536	2477
27x3 x 1.0	44.3	48.5	1856	46.4	50.5	2435	2375	50.3	54.5	2764	2704
30x3 x 1.0	46.0	50.5	2027	48.1	52.5	2632	2570	52	56.5	2969	2906
33x3 x 1.0	48.0	52.5	2221	50.1	54.5	2858	2793	54.2	59.0	3227	3162
37x3 x 1.0	50.1	54.5	2469	52.2	56.5	3141	3073	56.3	61.0	3517	3449
43x3 x 1.0	54.8	59.5	2877	56.9	62.0	3620	3546	61.2	66.0	4046	3972
48x3 x 1.0	58.1	63.5	3197	60.2	65.5	3991	3913	64.7	70.0	4464	4386

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

对数x3x截面面积 No of triples x 3 x cross section area	CHEPJ/NC, CHEPF/NC			CHEPJ80/NC, CHEPF80/NC CHEPJ90/NC, CHEPF90/NC				CHEPJ85/NC, CHEPF86/NC CHEPJ95/NC, CHEPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	10.6	12.0	124	12.2	13.5	221	209	14.3	15.5	275	264
2x3 x 1.5	17.3	19.0	253	18.9	21.0	410	392	21.4	23.5	508	490
3x3 x 1.5	18.4	20.5	329	20	22.0	499	480	22.5	24.5	600	581
4x3 x 1.5	20.5	22.5	421	22.1	24.0	612	591	24.8	27.0	732	711
5x3 x 1.5	22.7	25.0	516	24.3	26.5	730	707	27	29.5	857	834
7x3 x 1.5	25.0	27.5	682	26.6	29.0	923	897	29.5	32.0	1069	1044
10x3 x 1.5	32.8	36.0	996	34.9	38.0	1408	1363	38.2	41.5	1627	1582
12x3 x 1.5	33.9	37.0	1144	36	39.0	1575	1529	39.3	42.5	1795	1749
14x3 x 1.5	35.9	39.0	1316	38	41.5	1777	1728	41.3	44.5	2003	1954
16x3 x 1.5	38.2	41.5	1493	40.3	43.5	1988	1936	43.8	47.5	2242	2190
19x3 x 1.5	40.3	44.0	1722	42.4	46.0	2251	2196	46.1	50.0	2532	2477
24x3 x 1.5	48.0	52.5	2210	50.1	54.5	2846	2781	54.2	59.0	3216	3151
27x3 x 1.5	49.3	53.5	2452	51.4	56.0	3114	3047	55.5	60.0	3484	3417
30x3 x 1.5	51.2	56.0	2683	53.3	55.0	3377	3308	57.4	62.0	3752	3683
33x3 x 1.5	53.4	58.5	2939	55.5	60.5	3670	3598	59.8	65.0	4080	4008
37x3 x 1.5	55.8	61.0	3269	57.9	63.0	4042	3967	62.2	67.5	4459	4384
43x3 x 1.5	61.0	66.5	3803	63.1	68.5	4659	4576	67.8	73.5	5162	5079
48x3 x 1.5	64.6	70.5	4226	66.7	72.5	5142	5055	71.6	77.5	5695	5608
1x3 x 2.5	11.7	13.0	170	13.3	14.5	278	266	15.4	17.0	335	322
2x3 x 2.5	18.8	21.0	334	20.4	22.5	507	488	22.9	25.0	609	590
3x3 x 2.5	20.2	22.5	455	21.8	24.0	646	625	24.3	26.5	750	729
4x3 x 2.5	22.5	25.0	586	24.1	26.5	802	779	26.8	29.0	924	901
5x3 x 2.5	24.9	27.5	719	26.5	29.0	961	935	29.4	32.0	1105	1079
7x3 x 2.5	27.5	30.0	960	29.1	31.5	1235	1207	32	34.5	1383	1355
10x3 x 2.5	36.0	39.0	1393	38.1	41.5	1859	1810	41.6	45.0	2101	2052
12x3 x 2.5	37.2	41.0	1613	39.3	43.0	2103	2052	42.8	46.5	2343	2292
14x3 x 2.5	39.4	43.0	1859	41.5	45.0	2385	2331	45	48.5	2630	2577
16x3 x 2.5	41.9	45.5	2111	44	47.5	2676	2620	47.7	51.5	2951	2894
19x3 x 2.5	44.5	48.5	2470	46.6	50.5	3081	3021	50.5	54.5	3382	3322
24x3 x 2.5	53.0	57.5	3156	55.1	59.5	3893	3822	59.4	64.0	4289	4217
27x3 x 2.5	54.1	59.0	3481	56.2	61.0	4246	4173	60.5	65.5	4637	4564
30x3 x 2.5	56.4	61.5	3846	58.5	63.5	4654	4578	63	68.0	5078	5001
33x3 x 2.5	58.9	64.0	4216	61	66.0	5070	4990	65.5	70.5	5500	5420
37x3 x 2.5	61.4	67.0	4692	63.5	69.0	5597	5514	68.2	73.5	6059	5976
43x3 x 2.5	67.1	73.0	5453	69.2	75.0	6457	6367	74.1	80.0	6977	6886
48x3 x 2.5	71.3	77.0	6096	73.4	79.5	7177	7081	78.5	84.5	7748	7652

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/NC Series, CHEPFP/NC Series**150/250V**

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

EPR insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:****CHEPJP86/NC**
7X3X1.5

型号: **CHEPJP/NC**
 Type: **CHEPJP80/NC**
CHEPJP90/NC
CHEPJP85/NC
CHEPJP95/NC
CHEPFP/NC
CHEPFP80/NC
CHEPFP90/NC
CHEPFP86/NC
CHEPFP96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Ployester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHEVP/NA Series, CHEFP/NA Series**150/250V**

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

图例 **Example:****CHEVP92/NA
7X3X0.75**

型号: **CHEVP/NA**
 Type: **CHEVP80/NA**
CHEVP90/NA
CHEVP82/NA
CHEVP92/NA

CHEFP/NA
CHEFP80/NA
CHEFP90/NA
CHEFP82/NA
CHEFP92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-351	– 绝缘	Insulation
IEC 60092-359	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
	F	氯丁橡胶 PCP
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Ployester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHEPJP/NC, CHEFPF/NC (Al-foil)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEFPF/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	9.1	10.5	82	10.2	11.5	137	131	12.3	13.5	185	179
2x2 x 0.75	14.7	16.5	162	16.3	18.0	294	278	18.6	20.5	374	359
3x2 x 0.75	15.7	17.5	204	17.3	19.0	346	330	19.6	21.5	430	414
4x2 x 0.75	17.4	19.5	258	19	21.0	416	398	21.5	23.5	516	498
5x2 x 0.75	19.3	21.5	315	20.9	23.0	491	472	23.4	25.5	599	579
7x2 x 0.75	21.1	23.5	401	22.7	25.0	596	575	25.4	27.5	720	699
10x2 x 0.75	27.7	30.5	592	29.3	32.0	850	822	32.2	34.0	1020	991
12x2 x 0.75	28.6	31.5	671	30.2	33.0	940	911	33.3	36.0	1127	1098
14x2 x 0.75	30.3	33.5	770	32.4	35.5	1143	1102	35.5	38.5	1341	1299
16x2 x 0.75	32.0	34.0	858	34.1	37.5	1254	1211	37.4	41.0	1476	1432
19x2 x 0.75	34.0	37.5	998	36.1	39.5	1423	1376	39.4	43.0	1652	1605
24x2 x 0.75	40.4	44.5	1273	42.5	46.5	1780	1726	46.2	50.0	2086	2031
27x2 x 0.75	41.5	45.5	1409	43.6	47.5	1935	1879	47.3	51.5	2243	2186
30x2 x 0.75	43.0	47.5	1533	45.1	49.5	2081	2023	48.8	53.0	2395	2337
33x2 x 0.75	45.0	49.5	1681	47.1	51.5	2258	2197	51	55.5	2605	2544
37x2 x 0.75	46.9	51.5	1865	49	53.5	2472	2408	52.9	57.5	2827	2763
43x2 x 0.75	51.1	56.0	2152	53.2	58.0	2819	2749	57.3	62.5	3222	3153
48x2 x 0.75	54.4	59.0	2417	56.5	61.5	3132	3059	60.8	66.0	3581	3508
1x2 x 1.0	9.5	11.0	91	10.6	12.0	149	142	12.7	14.0	199	192
2x2 x 1.0	15.4	17.0	181	17	19.0	319	303	19.3	21.0	402	386
3x2 x 1.0	16.6	18.5	238	18.2	20.0	389	372	20.7	22.5	484	467
4x2 x 1.0	18.3	20.5	292	19.9	22.0	459	440	22.4	24.5	563	544
5x2 x 1.0	20.3	22.5	357	21.9	24.0	544	523	24.4	26.5	655	634
7x2 x 1.0	22.4	24.5	467	24	26.5	676	653	26.7	29.0	806	783
10x2 x 1.0	29.1	32.0	674	30.7	33.5	948	918	33.8	36.5	1137	1107
12x2 x 1.0	30.3	33.0	782	32.4	35.5	1156	1115	35.5	38.5	1352	1311
14x2 x 1.0	31.9	35.0	882	34	37.5	1278	1235	37.1	40.5	1481	1437
16x2 x 1.0	33.9	37.0	1000	36	39.0	1424	1378	39.3	42.5	1652	1606
19x2 x 1.0	36.0	39.5	1163	38.1	41.5	1617	1569	41.6	45.0	1872	1823
24x2 x 1.0	42.7	47.0	1481	44.8	49.0	2024	1966	48.5	52.5	2337	2280
27x2 x 1.0	43.9	48.0	1640	46	50.0	2203	2144	49.7	54.0	2519	2460
30x2 x 1.0	45.5	50.0	1786	47.6	52.0	2374	2312	51.5	56.0	2720	2658
33x2 x 1.0	47.5	52.0	1957	49.6	54.0	2575	2511	53.5	58.0	2930	2866
37x2 x 1.0	49.6	54.0	2173	51.7	56.0	2824	2757	55.8	60.5	3213	3146
43x2 x 1.0	54.1	59.0	2508	56.2	61.0	3225	3152	60.5	65.5	3666	3593
48x2 x 1.0	57.5	62.5	2814	59.6	64.5	3583	3505	64.1	69.5	4070	3992

CHEPJP/NC, CHEFPF/NC (Al-foil)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEFP/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	10.3	11.5	109	11.9	13.0	202	192	14	15.5	257	246
2x2 x 1.5	17.1	19.0	225	18.7	20.5	379	362	21.2	23.0	479	461
3x2 x 1.5	18.2	20.0	289	19.8	22.0	455	437	22.3	24.5	557	539
4x2 x 1.5	20.2	22.5	367	21.8	24.0	553	533	24.3	26.5	663	642
5x2 x 1.5	22.4	24.5	448	24	26.5	656	633	26.7	29.0	786	763
7x2 x 1.5	24.7	27.0	588	26.3	28.5	822	797	29.2	31.5	972	947
10x2 x 1.5	32.1	35.5	845	34.2	37.5	1242	1198	37.5	41.0	1465	1421
12x2 x 1.5	33.4	36.5	983	35.5	38.5	1400	1355	38.8	42.0	1626	1580
14x2 x 1.5	35.2	38.5	1112	37.3	41.0	1555	1507	40.6	44.0	1788	1740
16x2 x 1.5	37.4	41.0	1261	39.5	43.0	1735	1685	43	46.5	1996	1945
19x2 x 1.5	39.8	43.5	1469	41.9	45.5	1980	1926	45.4	49.0	2249	2195
24x2 x 1.5	47.4	51.5	1889	49.5	53.5	2503	2438	53.4	57.5	2860	2796
27x2 x 1.5	48.4	53.0	2068	50.5	55.0	2701	2636	54.6	59.0	3084	3018
30x2 x 1.5	50.5	55.0	2282	52.6	57.0	2949	2880	56.7	61.5	3340	3271
33x2 x 1.5	52.7	57.0	2499	54.8	59.5	3200	3129	59.1	64.0	3628	3556
37x2 x 1.5	55.0	60.0	2775	57.1	62.0	3515	3440	61.4	66.5	3950	3876
43x2 x 1.5	60.1	65.0	3228	62.2	67.5	4045	3964	66.9	72.0	4570	4489
48x2 x 1.5	63.7	69.5	3586	65.8	71.5	4460	4374	70.5	76.0	5004	4918
1x2 x 2.5	11.3	12.5	143	12.9	13.0	246	234	15	16.5	304	292
2x2 x 2.5	18.5	20.5	284	20.1	22.0	452	433	22.6	24.5	556	537
3x2 x 2.5	19.9	22.0	381	21.5	23.5	566	545	24	26.0	673	653
4x2 x 2.5	22.1	24.5	487	23.7	26.0	695	672	26.4	28.5	821	798
5x2 x 2.5	24.3	27.0	585	25.9	28.5	815	791	28.6	31.0	949	925
7x2 x 2.5	26.8	29.5	775	28.4	31.0	1035	1008	31.3	34.0	1190	1162
10x2 x 2.5	35.2	38.5	1131	37.3	40.5	1575	1527	40.6	44.0	1807	1759
12x2 x 2.5	36.6	40.0	1319	38.7	42.0	1788	1738	42.2	45.5	2040	1990
14x2 x 2.5	38.7	42.0	1516	40.8	44.0	2017	1965	44.3	48.0	2276	2224
16x2 x 2.5	41.2	45.0	1720	43.3	47.0	2258	2202	47	50.5	2548	2492
19x2 x 2.5	43.7	47.5	2006	45.8	49.5	2586	2526	49.5	53.5	2881	2822
24x2 x 2.5	52.1	56.5	2569	54.2	58.5	3267	3197	58.5	63.0	3686	3615
27x2 x 2.5	53.2	58.0	2823	55.3	60.0	3546	3474	59.6	64.5	3962	3890
30x2 x 2.5	55.4	60.0	3114	57.5	62.0	3875	3800	61.8	66.5	4298	4224
33x2 x 2.5	57.9	62.5	3412	60	65.0	4215	4137	64.5	69.5	4677	4599
37x2 x 2.5	60.4	65.5	3791	62.5	67.5	4640	4558	67.2	72.5	5140	5058
43x2 x 2.5	66.0	71.5	4407	68.1	73.5	5347	5258	73	78.5	5909	5820
48x2 x 2.5	69.9	76.0	4896	72	78.0	5902	5808	77.1	83.0	6518	6424

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/NC, CHEFPF/NC (Al-foil)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJP/NC, CHEFPF/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	9.6	11.0	100	10.7	12.0	159	152	12.8	14.0	207	201
2x3 x 0.75	16.6	18.5	211	18.2	20.0	360	343	20.7	22.5	457	440
3x3 x 0.75	17.6	19.5	269	19.2	21.0	429	411	21.7	24.0	529	511
4x3 x 0.75	19.6	22.0	342	21.2	23.5	522	502	23.7	26.0	629	609
5x3 x 0.75	21.5	24.0	408	23.1	25.5	607	585	25.8	28.5	732	710
7x3 x 0.75	23.7	26.0	535	25.3	27.5	758	734	28	30.5	891	866
10x3 x 0.75	31.1	34.0	786	33.2	36.0	1169	1126	36.3	39.5	1369	1327
12x3 x 0.75	32.2	35.5	898	34.3	37.5	1298	1254	37.6	41.0	1518	1474
14x3 x 0.75	34.1	37.5	1031	36.2	39.5	1458	1412	39.5	43.0	1686	1639
16x3 x 0.75	36.3	39.5	1169	38.4	42.0	1627	1578	41.9	45.5	1883	1833
19x3 x 0.75	38.5	42.0	1360	40.6	44.0	1851	1799	44.1	48.0	2114	2062
24x3 x 0.75	45.7	50.0	1730	47.8	52.0	2317	2255	51.7	56.0	2666	2604
27x3 x 0.75	46.9	51.0	1916	49	53.5	2526	2462	52.9	57.0	2875	2811
30x3 x 0.75	48.7	53.5	2090	50.8	55.5	2728	2662	54.9	59.5	3109	3043
33x3 x 0.75	50.8	55.5	2289	52.9	58.0	2959	2891	57	62.0	3350	3282
37x3 x 0.75	53.1	58.0	2543	55.2	55.0	3251	3179	59.5	64.5	3678	3606
43x3 x 0.75	58.0	63.5	2960	60.1	65.5	3741	3663	64.6	70.0	4225	4146
48x3 x 0.75	61.5	67.0	3288	63.6	69.0	4123	4040	68.3	74.0	4658	4575
1x3 x 1.0	10.0	11.5	113	11.1	12.5	175	168	13.2	14.5	224	217
2x3 x 1.0	17.4	19.5	238	19	21.0	395	377	21.5	23.5	494	476
3x3 x 1.0	18.5	20.5	306	20.1	22.0	476	457	22.6	24.5	578	559
4x3 x 1.0	20.6	23.0	391	22.2	24.5	582	561	24.9	27.0	702	681
5x3 x 1.0	22.8	25.0	477	24.4	26.5	690	667	27.1	29.5	820	797
7x3 x 1.0	25.2	27.5	629	26.8	29.5	869	843	29.7	32.5	1019	993
10x3 x 1.0	32.9	34.0	918	35	38.0	1327	1282	38.3	41.5	1550	1506
12x3 x 1.0	34.1	37.5	1052	36.2	39.5	1480	1434	39.5	43.0	1706	1659
14x3 x 1.0	36.1	39.5	1208	38.2	41.5	1666	1617	41.7	45.0	1918	1868
16x3 x 1.0	38.4	42.0	1369	40.5	44.0	1860	1807	44	47.5	2122	2070
19x3 x 1.0	40.5	44.5	1575	42.6	46.5	2099	2044	46.3	50.5	2388	2333
24x3 x 1.0	48.3	53.0	2024	50.4	55.0	2654	2589	54.5	59.0	3036	2971
27x3 x 1.0	49.6	54.0	2243	51.7	56.0	2898	2831	55.8	60.5	3281	3214
30x3 x 1.0	51.7	56.5	2474	53.8	55.0	3163	3093	57.9	62.5	3553	3483
33x3 x 1.0	53.7	58.5	2683	55.8	61.0	3404	3332	60.1	65.0	3830	3757
37x3 x 1.0	56.1	61.0	2981	58.2	63.5	3743	3667	62.7	68.0	4206	4130
43x3 x 1.0	61.3	67.0	3468	63.4	69.0	4310	4228	68.1	74.0	4833	4750
48x3 x 1.0	65.2	71.0	3883	67.3	73.0	4788	4700	72.2	78.0	5365	5277

CHEPJP/NC, CHEFPF/NC (Al-foil)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJP/NC, CHEFPF/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	10.9	12.5	137	12.5	14.0	237	225	14.6	16.0	292	281
2x3 x 1.5	19.0	21.0	288	20.6	23.0	461	441	23.1	25.5	567	547
3x3 x 1.5	20.5	22.5	387	22.1	24.0	577	556	24.8	27.0	697	676
4x3 x 1.5	22.8	25.0	494	24.4	26.5	708	684	27.1	29.5	837	813
5x3 x 1.5	25.2	27.5	604	26.8	29.0	843	817	29.7	32.0	994	968
7x3 x 1.5	27.8	30.5	798	29.4	32.0	1067	1039	32.3	35.0	1226	1197
10x3 x 1.5	36.4	39.5	1162	38.5	42.0	1621	1571	42	45.5	1877	1828
12x3 x 1.5	37.7	41.5	1336	39.8	43.5	1817	1766	43.3	47.0	2075	2024
14x3 x 1.5	39.9	43.5	1536	42	46.0	2051	1997	45.5	49.5	2316	2262
16x3 x 1.5	42.4	46.0	1741	44.5	48.0	2293	2236	48.2	52.0	2590	2532
19x3 x 1.5	45.0	49.0	2029	47.1	51.0	2624	2563	51	55.0	2952	2891
24x3 x 1.5	53.6	58.5	2599	55.7	60.5	3315	3242	60	65.0	3745	3672
27x3 x 1.5	55.0	59.5	2881	57.1	62.0	3626	3552	61.4	66.0	4055	3981
30x3 x 1.5	57.3	62.0	3177	59.4	64.5	3962	3884	63.9	69.0	4427	4350
33x3 x 1.5	59.8	65.0	3478	61.9	67.0	4305	4224	66.4	71.5	4780	4700
37x3 x 1.5	62.2	67.5	3833	64.3	69.5	4703	4619	69	74.5	5218	5134
43x3 x 1.5	68.1	74.0	4486	70.2	76.0	5452	5361	75.3	81.0	6066	5974
48x3 x 1.5	72.2	78.5	4983	74.3	80.5	6018	5921	79.6	86.0	6691	6594
1x3 x 2.5	12.0	13.5	184	13.6	15.0	295	282	15.7	17.0	353	340
2x3 x 2.5	20.8	23.0	381	22.4	24.5	573	552	25.1	27.0	696	674
3x3 x 2.5	22.4	24.5	518	24	26.5	730	707	26.7	29.0	855	832
4x3 x 2.5	24.9	27.5	665	26.5	29.0	904	879	29.4	32.0	1050	1025
5x3 x 2.5	27.6	30.0	815	29.2	31.5	1084	1055	32.1	34.5	1240	1212
7x3 x 2.5	30.4	33.0	1085	32.5	35.5	1475	1434	35.6	38.5	1656	1614
10x3 x 2.5	39.8	43.5	1572	41.9	45.5	2088	2034	45.4	49.5	2351	2297
12x3 x 2.5	41.4	45.0	1839	43.5	47.0	2385	2329	47.2	51.0	2669	2613
14x3 x 2.5	43.9	47.5	2117	46	49.5	2704	2645	49.7	53.5	2995	2936
16x3 x 2.5	46.6	50.5	2401	48.7	52.5	3032	2968	52.6	56.5	3354	3291
19x3 x 2.5	49.4	53.5	2804	51.5	56.0	3485	3418	55.6	60.0	3837	3770
24x3 x 2.5	58.9	64.0	3579	61	66.0	4401	4321	65.5	70.5	4863	4784
27x3 x 2.5	60.4	65.5	3974	62.5	67.5	4832	4750	67.2	72.5	5320	5238
30x3 x 2.5	62.9	68.0	4384	65	70.0	5289	5204	69.7	75.0	5784	5699
33x3 x 2.5	65.6	71.0	4800	67.7	73.0	5755	5667	72.6	78.0	6291	6203
37x3 x 2.5	68.5	74.0	5338	70.6	76.0	6351	6259	75.7	81.5	6927	6835
43x3 x 2.5	74.8	81.0	6198	76.9	83.0	7322	7221	82.2	88.5	7965	7864
48x3 x 2.5	79.4	86.0	6922	81.5	88.0	8132	8025	87	93.5	8834	8727

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/NC, CHEFPF/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEFP/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	9.8	11.0	139	10.9	12.0	201	194	13	14.5	249	242
2x2 x 0.75	15.9	17.5	275	17.5	19.0	422	406	19.8	21.5	503	487
3x2 x 0.75	17.1	19.0	378	18.7	20.5	540	522	21.2	23.0	632	614
4x2 x 0.75	18.8	21.0	478	20.4	22.5	659	639	22.9	25.0	755	736
5x2 x 0.75	20.9	23.0	590	22.5	24.5	793	772	25.2	27.5	907	886
7x2 x 0.75	23.0	25.5	792	24.6	27.0	1022	999	27.3	29.5	1138	1115
10x2 x 0.75	30.2	33.0	1152	32.3	35.0	1543	1502	35.4	38.5	1720	1679
12x2 x 0.75	31.2	34.0	1337	33.3	34.0	1748	1706	36.4	39.5	1924	1881
14x2 x 0.75	33.0	36.0	1544	35.1	38.0	1985	1940	38.4	41.5	2180	2135
16x2 x 0.75	34.9	38.5	1739	37	40.5	2210	2163	40.3	44.0	2410	2362
19x2 x 0.75	37.1	41.0	2041	39.2	43.0	2551	2501	42.7	46.5	2771	2720
24x2 x 0.75	44.2	48.0	2610	46.3	50.5	3225	3165	50.2	54.5	3519	3459
27x2 x 0.75	45.2	49.5	2886	47.3	51.5	3526	3464	51.2	55.5	3814	3753
30x2 x 0.75	47.1	51.5	3192	49.2	53.5	3867	3804	53.1	55.0	4157	4094
33x2 x 0.75	49.2	53.5	3503	51.3	55.5	4217	4150	55.4	60.0	4534	4468
37x2 x 0.75	51.2	56.0	3881	53.3	58.0	4635	4566	57.4	62.0	4952	4883
43x2 x 0.75	56.0	61.0	4517	58.1	63.0	5355	5279	62.6	67.5	5742	5667
48x2 x 0.75	59.3	64.5	5027	61.4	67.0	5926	5846	65.9	71.5	6322	6242
1x2 x 1.0	10.2	11.5	151	11.8	13.0	246	235	13.9	15.0	298	287
2x2 x 1.0	16.8	18.5	308	18.4	20.5	464	447	20.9	23.0	557	540
3x2 x 1.0	17.9	20.0	414	19.5	21.5	584	566	22	24.0	678	660
4x2 x 1.0	19.9	22.0	534	21.5	23.5	726	706	24	26.0	826	806
5x2 x 1.0	22.0	24.5	657	23.6	26.0	872	850	26.3	28.5	990	967
7x2 x 1.0	24.1	26.5	871	25.7	28.5	1114	1089	28.4	31.0	1233	1208
10x2 x 1.0	31.6	34.0	1265	33.7	36.5	1677	1634	36.8	40.0	1858	1815
12x2 x 1.0	32.9	36.0	1487	35	38.0	1924	1879	38.3	41.5	2121	2076
14x2 x 1.0	34.6	38.0	1700	36.7	40.0	2166	2119	40	43.5	2365	2318
16x2 x 1.0	36.8	40.0	1933	38.9	42.5	2435	2385	42.4	46.0	2658	2608
19x2 x 1.0	39.1	42.5	2268	41.2	45.0	2811	2758	44.7	48.5	3035	2982
24x2 x 1.0	46.6	50.5	2898	48.7	53.0	3553	3490	52.6	57.0	3853	3790
27x2 x 1.0	47.6	52.0	3204	49.7	54.0	3885	3821	53.6	58.0	4179	4115
30x2 x 1.0	49.6	54.0	3544	51.7	55.0	4264	4197	55.8	60.5	4583	4516
33x2 x 1.0	51.8	56.5	3887	53.9	58.5	4648	4578	58	62.5	4971	4901
37x2 x 1.0	53.9	58.5	4307	56	61.0	5111	5039	60.3	65.0	5461	5388
43x2 x 1.0	58.9	64.0	5011	61	66.5	5905	5825	65.5	71.0	6297	6217
48x2 x 1.0	62.6	68.0	5606	64.7	70.0	6569	6485	69.4	75.0	7001	6917

CHEPJP/NC, CHEPFP/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEPFP/NC			CHEPJP80/NC, CHEPFP80/NC CHEPJP90/NC, CHEPFP90/NC				CHEPJP85/NC, CHEPFP86/NC CHEPJP95/NC, CHEPFP96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	11.2	12.5	180	12.8	14.0	284	273	14.9	16.5	340	328
2x2 x 1.5	18.2	20.0	357	19.8	22.0	527	508	22.3	24.5	625	607
3x2 x 1.5	19.6	21.5	492	21.2	23.0	680	660	23.7	25.5	780	760
4x2 x 1.5	21.6	24.0	625	23.2	25.5	836	813	25.9	28.5	952	930
5x2 x 1.5	23.9	26.5	770	25.5	28.0	1006	982	28.2	30.5	1129	1105
7x2 x 1.5	26.4	29.0	1036	28	30.5	1306	1279	30.9	33.5	1444	1418
10x2 x 1.5	34.6	38.0	1502	36.7	40.0	1958	1911	40	43.5	2167	2120
12x2 x 1.5	36.1	39.5	1766	38.2	41.5	2252	2203	41.7	45.0	2478	2429
14x2 x 1.5	38.2	41.5	2039	40.3	43.5	2561	2509	43.8	47.0	2789	2737
16x2 x 1.5	40.4	44.0	2298	42.5	46.0	2857	2802	46.2	50.0	3111	3056
19x2 x 1.5	42.8	46.5	2694	44.9	49.0	3298	3240	48.6	52.5	3553	3495
24x2 x 1.5	51.1	55.5	3440	53.2	55.0	4171	4102	57.3	62.0	4510	4441
27x2 x 1.5	52.4	57.0	3831	54.5	59.0	4596	4525	58.8	63.5	4953	4882
30x2 x 1.5	54.6	59.0	4235	56.7	61.0	5043	4970	61	65.5	5402	5329
33x2 x 1.5	56.8	62.0	4617	58.9	64.0	5468	5392	63.4	68.5	5859	5783
37x2 x 1.5	59.3	64.5	5146	61.4	66.5	6051	5971	65.9	71.0	6440	6360
43x2 x 1.5	64.8	70.5	5983	66.9	72.5	6989	6901	71.8	77.5	7458	7371
48x2 x 1.5	68.8	74.5	6688	70.9	76.5	7772	7679	76	82.0	8286	8193
1x2 x 2.5	12.0	13.5	216	13.6	15.0	329	316	15.7	17.0	385	373
2x2 x 2.5	19.8	22.0	437	21.4	23.5	624	603	23.9	26.0	727	707
3x2 x 2.5	21.2	23.5	596	22.8	25.0	802	780	25.5	27.5	917	895
4x2 x 2.5	23.5	26.0	771	25.1	27.5	1004	980	27.8	30.0	1124	1100
5x2 x 2.5	26.1	28.5	950	27.7	30.0	1213	1187	30.6	33.0	1355	1328
7x2 x 2.5	28.8	31.5	1281	30.4	33.0	1583	1553	33.5	36.0	1740	1710
10x2 x 2.5	37.7	41.0	1852	39.8	43.5	2359	2308	43.3	47.0	2593	2542
12x2 x 2.5	39.2	42.5	2180	41.3	45.0	2720	2667	44.8	48.5	2949	2895
14x2 x 2.5	41.5	45.0	2517	43.6	47.0	3098	3042	47.3	51.0	3351	3295
16x2 x 2.5	44.1	48.0	2861	46.2	50.0	3488	3428	50.1	54.0	3767	3707
19x2 x 2.5	46.8	50.5	3356	48.9	53.0	4036	3973	52.8	57.0	4315	4251
24x2 x 2.5	55.7	60.5	4274	57.8	62.5	5096	5021	62.1	67.0	5464	5389
27x2 x 2.5	57.2	62.0	4762	59.3	64.0	5625	5548	63.8	68.5	6012	5935
30x2 x 2.5	59.3	64.5	5235	61.4	66.5	6144	6064	65.9	71.0	6529	6449
33x2 x 2.5	62.0	67.0	5743	64.1	69.0	6707	6623	68.8	74.0	7125	7042
37x2 x 2.5	64.7	70.0	6401	66.8	72.0	7426	7339	71.7	77.0	7874	7787
43x2 x 2.5	70.8	76.5	7468	72.9	78.5	8613	8517	78	84.0	9111	9016
48x2 x 2.5	75.0	81.0	8308	77.1	83.5	9540	9439	82.4	88.5	10082	9981

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHEPJP/NC, CHEFPF/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJP/NC, CHEFPF/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	10.1	11.5	160	11.7	13.0	254	244	13.8	15.0	304	293
2x3 x 0.75	17.4	19.5	330	19	21.0	492	474	21.5	23.5	587	569
3x3 x 0.75	18.6	20.5	446	20.2	22.0	623	604	22.7	24.5	719	700
4x3 x 0.75	20.6	23.0	576	22.2	24.5	776	755	24.9	27.0	887	866
5x3 x 0.75	22.8	25.0	709	24.4	27.0	933	910	27.1	29.5	1052	1028
7x3 x 0.75	25.2	27.5	953	26.8	29.5	1209	1183	29.7	32.5	1343	1317
10x3 x 0.75	33.0	34.0	1382	35.1	38.0	1815	1770	38.4	41.5	2016	1971
12x3 x 0.75	34.2	34.0	1608	36.3	39.5	2065	2019	39.6	43.0	2265	2218
14x3 x 0.75	36.2	39.5	1857	38.3	41.5	2348	2299	41.8	45.5	2569	2520
16x3 x 0.75	38.5	42.0	2111	40.6	44.0	2640	2588	44.1	47.5	2866	2814
19x3 x 0.75	40.6	44.5	2456	42.7	46.5	3025	2970	46.4	50.5	3271	3216
24x3 x 0.75	48.4	53.0	3137	50.5	55.0	3824	3758	54.6	59.0	4151	4085
27x3 x 0.75	49.7	54.0	3495	51.8	56.0	4214	4146	55.9	55.0	4535	4467
30x3 x 0.75	51.8	56.5	3865	53.9	58.5	4625	4555	58	62.5	4946	4876
33x3 x 0.75	53.9	59.0	4214	56	61.0	5014	4941	60.3	65.5	5365	5292
37x3 x 0.75	56.2	61.5	4696	58.3	63.5	5545	5469	62.8	68.0	5923	5847
43x3 x 0.75	61.4	67.0	5461	63.5	69.0	6404	6321	68.2	74.0	6828	6746
48x3 x 0.75	65.3	71.0	6108	67.4	73.0	7125	7037	72.3	78.0	7592	7504
1x3 x 1.0	10.5	12.0	175	12.1	13.0	273	262	14.2	15.5	325	314
2x3 x 1.0	18.2	20.0	363	19.8	22.0	533	514	22.3	24.5	631	612
3x3 x 1.0	19.6	22.0	501	21.2	23.5	689	669	23.7	26.0	788	768
4x3 x 1.0	21.6	24.0	638	23.2	25.5	849	827	25.9	28.5	963	941
5x3 x 1.0	23.9	26.5	786	25.5	28.0	1023	999	28.2	31.0	1144	1119
7x3 x 1.0	26.4	29.0	1058	28	30.5	1329	1302	30.9	33.5	1465	1438
10x3 x 1.0	34.6	38.0	1533	36.7	40.0	1991	1944	40	43.5	2197	2150
12x3 x 1.0	36.1	39.5	1804	38.2	41.5	2292	2243	41.7	45.0	2514	2465
14x3 x 1.0	38.2	41.5	2083	40.3	43.5	2607	2555	43.8	47.5	2832	2780
16x3 x 1.0	40.4	44.0	2349	42.5	46.5	2910	2855	46.2	50.0	3160	3105
19x3 x 1.0	42.8	47.0	2754	44.9	49.0	3361	3303	48.6	53.0	3611	3553
24x3 x 1.0	51.1	56.0	3516	53.2	58.0	4251	4182	57.3	62.0	4584	4515
27x3 x 1.0	52.4	57.0	3916	54.5	59.0	4685	4614	58.8	63.5	5037	4966
30x3 x 1.0	54.6	59.5	4330	56.7	61.5	5143	5069	61	66.0	5495	5422
33x3 x 1.0	56.8	62.0	4722	58.9	64.0	5578	5502	63.4	68.5	5962	5885
37x3 x 1.0	59.3	64.5	5263	61.4	66.5	6173	6093	65.9	71.5	6555	6475
43x3 x 1.0	64.8	70.5	6119	66.9	72.5	7131	7044	71.8	77.5	7592	7505
48x3 x 1.0	68.8	75.0	6840	70.9	77.0	7932	7839	76	82.0	8435	8343

CHEPJP/NC, CHEFPF/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面面积 No of triples x 3 x cross section area	CHEPJP/NC, CHEFPF/NC			CHEPJP80/NC, CHEFPF80/NC CHEPJP90/NC, CHEFPF90/NC				CHEPJP85/NC, CHEFPF86/NC CHEPJP95/NC, CHEFPF96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	11.6	13.0	212	13.2	14.5	321	309	15.3	16.5	376	364
2x3 x 1.5	20.0	22.0	436	21.6	23.5	624	604	24.1	26.0	728	708
3x3 x 1.5	21.4	24.0	594	23	25.5	801	779	25.7	28.0	917	895
4x3 x 1.5	23.8	26.0	769	25.4	27.5	1005	980	28.1	30.5	1125	1101
5x3 x 1.5	26.3	29.0	946	27.9	30.5	1211	1184	30.8	33.5	1352	1326
7x3 x 1.5	29.1	32.0	1276	30.7	33.5	1580	1550	33.8	36.5	1738	1708
10x3 x 1.5	38.3	41.5	1863	40.4	44.0	2377	2325	43.9	47.5	2614	2562
12x3 x 1.5	39.6	43.0	2171	41.7	45.5	2715	2661	45.2	49.0	2946	2892
14x3 x 1.5	41.9	45.5	2507	44	47.5	3092	3035	47.7	51.5	3346	3290
16x3 x 1.5	44.6	48.5	2850	46.7	50.5	3481	3421	50.6	54.5	3764	3703
19x3 x 1.5	47.3	51.5	3341	49.4	53.5	4026	3962	53.3	57.5	4308	4244
24x3 x 1.5	56.3	61.0	4257	58.4	63.5	5085	5009	62.9	68.0	5486	5410
27x3 x 1.5	57.8	62.5	4741	59.9	64.5	5609	5531	64.4	69.5	6002	5924
30x3 x 1.5	60.2	65.0	5241	62.3	67.5	6160	6079	67	72.0	6582	6501
33x3 x 1.5	62.8	68.0	5745	64.9	70.0	6717	6633	69.6	75.0	7142	7058
37x3 x 1.5	65.5	71.0	6400	67.6	73.0	7434	7346	72.5	78.0	7888	7800
43x3 x 1.5	71.6	77.5	7435	73.7	79.5	8587	8490	78.8	85.0	9093	8997
48x3 x 1.5	76.0	82.0	8305	78.1	84.5	9547	9445	83.6	90.0	10138	10036
1x3 x 2.5	12.4	14.0	260	14	15.5	378	365	16.1	17.5	434	421
2x3 x 2.5	21.7	24.0	535	23.3	25.5	742	720	26	28.5	862	840
3x3 x 2.5	23.3	25.5	746	24.9	27.0	976	952	27.6	30.0	1095	1071
4x3 x 2.5	25.9	28.5	967	27.5	30.0	1229	1203	30.4	33.0	1367	1340
5x3 x 2.5	28.7	31.5	1192	30.3	33.0	1488	1459	33.4	36.0	1648	1619
7x3 x 2.5	31.7	34.5	1611	33.8	36.5	2042	1998	36.9	40.0	2205	2161
10x3 x 2.5	41.7	45.5	2344	43.8	47.5	2919	2862	47.5	51.0	3179	3123
12x3 x 2.5	43.2	47.0	2740	45.3	49.5	3351	3292	49	53.0	3604	3545
14x3 x 2.5	45.7	50.0	3166	47.8	52.0	3825	3763	51.7	56.0	4101	4040
16x3 x 2.5	48.6	53.0	3599	50.7	55.0	4311	4245	54.8	59.0	4616	4551
19x3 x 2.5	51.8	56.0	4249	53.9	58.0	5028	4958	58	62.5	5331	5261
24x3 x 2.5	61.6	67.0	5403	63.7	69.0	6345	6262	68.4	73.5	6775	6692
27x3 x 2.5	63.2	68.5	6021	65.3	70.5	7011	6926	70	75.0	7427	7342
30x3 x 2.5	65.8	71.0	6656	67.9	73.0	7706	7617	72.8	78.0	8151	8062
33x3 x 2.5	68.7	74.0	7297	70.8	76.0	8410	8318	75.9	81.5	8891	8798
37x3 x 2.5	71.6	77.5	8131	73.7	76.0	9317	9221	78.8	85.0	9789	9693
43x3 x 2.5	78.2	84.5	9442	80.3	87.0	10765	10660	85.8	92.5	11326	11220
48x3 x 2.5	83.0	90.0	10541	85.1	92.0	11971	11859	90.8	98.0	12579	12467

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.