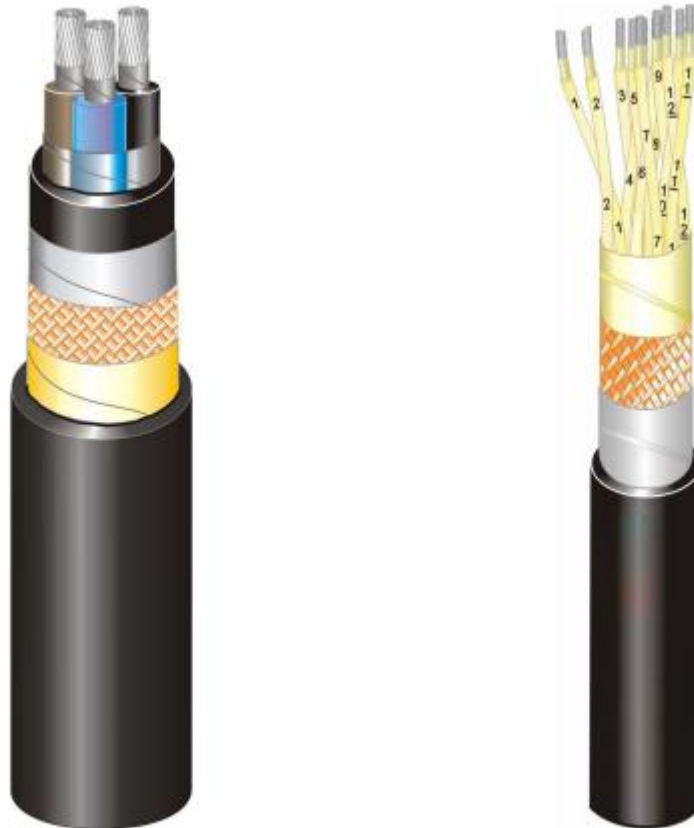




Flame Retardant Shipboard Instrumentation & Communication Cable



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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/Ployester 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, CHJFPF/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, CHJFPF/SC			CHJPJP80/SC, CHJFPF80/SC CHJPJP90/SC, CHJFPF90/SC				CHJPJP85/SC, CHJFPF86/SC CHJPJP95/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 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截面积 No of triples x 3 x cross section area No.x 3 x mm ²	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 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	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	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	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

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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 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。

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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

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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

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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

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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

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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

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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

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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

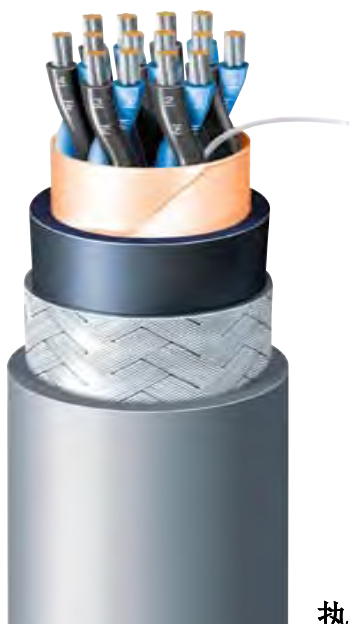
结构 Construction

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。

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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	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	kg/km	标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.		Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
No.x 3 x mm ²											
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	kg/km	标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.		Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	8.6	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, CHEPFP/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, 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	9.8	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

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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	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	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.