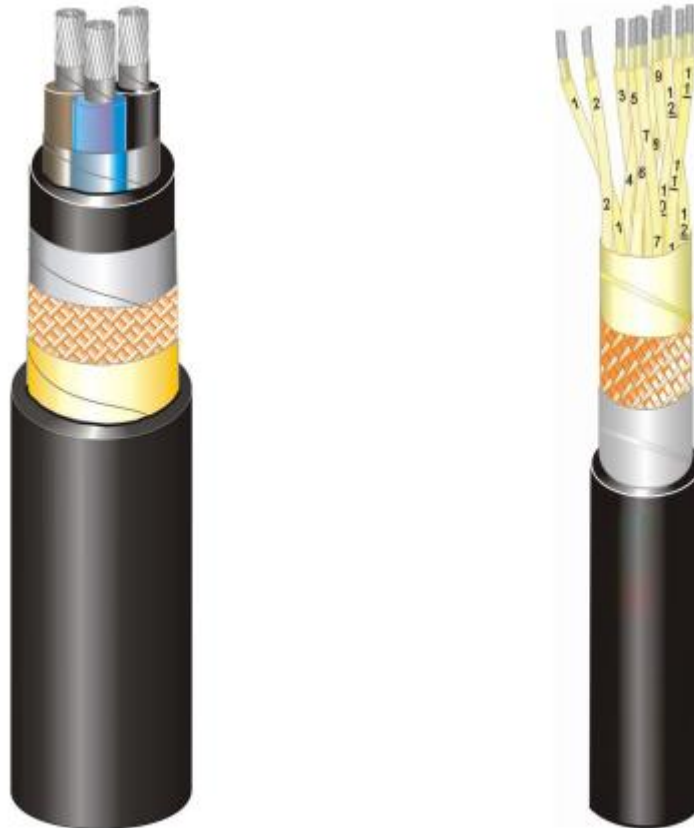




EPR Insulated Shipboard Instrumentation & Communication Cable



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

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

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

Mobil: +86-19922868020

E-mail: sales3@hiseamarine.com

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

WhatsApp: +86-19922868020

Wechat: Alex-Tao19922868020

Content & Index

Insulation	Flame	Rated Voltage	Model	Page
EPR	Flame retardant	150/250V	CHEPJ/SC series CHEPF/SC series CHEV/SA series CHEF/SA series	1~6
		150/250V	CHEPJP/SC series CHEPFP/SC series CHEVP/SA series CHEFP/SA series	7~16
	Fire resistant	150/250V	CHEPJ/NC series CHEPF/NC series CHEV/NA series CHEF/NA series	17~22
		150/250V	CHEPJP/NC series CHEPFP/NC series CHEVP/NA series CHEFP/NA series	23~32

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
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 No.x 3 x mm ²	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
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	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。

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

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

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

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

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

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

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

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

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

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

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEPFP/SC			CHEPJP80/SC, CHEPFP80/SC CHEPJP90/SC, CHEPFP90/SC				CHEPJP85/SC, CHEPFP86/SC CHEPJP95/SC, CHEPFP96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大	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											
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, CHEFPF/SC (Al-foil)

(CHEVP/SA, CHEFP/SA Series参照使用)

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

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

(CHEVP/SA, CHEFP/SA Series参照使用)

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

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

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

CHEPJP/SC, CHEFPF/SC(铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJP/SC, CHEFPF/SC			CHEPJP80/SC, CHEFPF80/SC CHEPJP90/SC, CHEFPF90/SC				CHEPJP85/SC, CHEFPF86/SC CHEPJP95/SC, CHEFPF96/SC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	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

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

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

CHEPJP/SC, CHEPFP/SC (铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

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

CHEPJP/SC, CHEPFP/SC (铜丝)

(CHEVP/SA, CHEFP/SA Series参照使用)

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

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

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

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

乙丙橡胶绝缘低烟无卤船用通信电缆

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

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

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

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

图例 **Example:****CHEV82/NA
7X3X0.75**

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

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

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

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

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

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

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

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

CHEPJ/NC, CHEPF/NC

(CHEV/NA, CHEF/NA Series参照使用)

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

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

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

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

乙丙橡胶橡胶绝缘低烟无卤船用通信电缆

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

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

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

乙丙橡胶橡胶绝缘船用通信电缆

EPR insulated shipboard symmetrical communication cable

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

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

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

用途 Application

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

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

执行标准 Standards applied

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

结构 Construction

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

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

(CHEVP/NA, CHEFP/NA Series参照使用)

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

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

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEPFP/NC			CHEPJP80/NC, CHEPFP80/NC CHEPJP90/NC, CHEPFP90/NC				CHEPJP85/NC, CHEPFP86/NC CHEPJP95/NC, CHEPFP96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	10.3	11.5	109	11.9	13.0	202	192	14	15.5	257	246
2x2 x 1.5	17.1	19.0	225	18.7	20.5	379	362	21.2	23.0	479	461
3x2 x 1.5	18.2	20.0	289	19.8	22.0	455	437	22.3	24.5	557	539
4x2 x 1.5	20.2	22.5	367	21.8	24.0	553	533	24.3	26.5	663	642
5x2 x 1.5	22.4	24.5	448	24	26.5	656	633	26.7	29.0	786	763
7x2 x 1.5	24.7	27.0	588	26.3	28.5	822	797	29.2	31.5	972	947
10x2 x 1.5	32.1	35.5	845	34.2	37.5	1242	1198	37.5	41.0	1465	1421
12x2 x 1.5	33.4	36.5	983	35.5	38.5	1400	1355	38.8	42.0	1626	1580
14x2 x 1.5	35.2	38.5	1112	37.3	41.0	1555	1507	40.6	44.0	1788	1740
16x2 x 1.5	37.4	41.0	1261	39.5	43.0	1735	1685	43	46.5	1996	1945
19x2 x 1.5	39.8	43.5	1469	41.9	45.5	1980	1926	45.4	49.0	2249	2195
24x2 x 1.5	47.4	51.5	1889	49.5	53.5	2503	2438	53.4	57.5	2860	2796
27x2 x 1.5	48.4	53.0	2068	50.5	55.0	2701	2636	54.6	59.0	3084	3018
30x2 x 1.5	50.5	55.0	2282	52.6	57.0	2949	2880	56.7	61.5	3340	3271
33x2 x 1.5	52.7	57.0	2499	54.8	59.5	3200	3129	59.1	64.0	3628	3556
37x2 x 1.5	55.0	60.0	2775	57.1	62.0	3515	3440	61.4	66.5	3950	3876
43x2 x 1.5	60.1	65.0	3228	62.2	67.5	4045	3964	66.9	72.0	4570	4489
48x2 x 1.5	63.7	69.5	3586	65.8	71.5	4460	4374	70.5	76.0	5004	4918
1x2 x 2.5	11.3	12.5	143	12.9	13.0	246	234	15	16.5	304	292
2x2 x 2.5	18.5	20.5	284	20.1	22.0	452	433	22.6	24.5	556	537
3x2 x 2.5	19.9	22.0	381	21.5	23.5	566	545	24	26.0	673	653
4x2 x 2.5	22.1	24.5	487	23.7	26.0	695	672	26.4	28.5	821	798
5x2 x 2.5	24.3	27.0	585	25.9	28.5	815	791	28.6	31.0	949	925
7x2 x 2.5	26.8	29.5	775	28.4	31.0	1035	1008	31.3	34.0	1190	1162
10x2 x 2.5	35.2	38.5	1131	37.3	40.5	1575	1527	40.6	44.0	1807	1759
12x2 x 2.5	36.6	40.0	1319	38.7	42.0	1788	1738	42.2	45.5	2040	1990
14x2 x 2.5	38.7	42.0	1516	40.8	44.0	2017	1965	44.3	48.0	2276	2224
16x2 x 2.5	41.2	45.0	1720	43.3	47.0	2258	2202	47	50.5	2548	2492
19x2 x 2.5	43.7	47.5	2006	45.8	49.5	2586	2526	49.5	53.5	2881	2822
24x2 x 2.5	52.1	56.5	2569	54.2	58.5	3267	3197	58.5	63.0	3686	3615
27x2 x 2.5	53.2	58.0	2823	55.3	60.0	3546	3474	59.6	64.5	3962	3890
30x2 x 2.5	55.4	60.0	3114	57.5	62.0	3875	3800	61.8	66.5	4298	4224
33x2 x 2.5	57.9	62.5	3412	60	65.0	4215	4137	64.5	69.5	4677	4599
37x2 x 2.5	60.4	65.5	3791	62.5	67.5	4640	4558	67.2	72.5	5140	5058
43x2 x 2.5	66.0	71.5	4407	68.1	73.5	5347	5258	73	78.5	5909	5820
48x2 x 2.5	69.9	76.0	4896	72	78.0	5902	5808	77.1	83.0	6518	6424

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

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

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

(CHEVP/NA, CHEFP/NA Series参照使用)

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

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

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面积 No of triples x 3 x cross section area	CHEPJP/NC, CHEPFP/NC			CHEPJP80/NC, CHEPFP80/NC CHEPJP90/NC, CHEPFP90/NC				CHEPJP85/NC, CHEPFP86/NC CHEPJP95/NC, CHEPFP96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 3 x mm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	10.9	12.5	137	12.5	14.0	237	225	14.6	16.0	292	281
2x3 x 1.5	19.0	21.0	288	20.6	23.0	461	441	23.1	25.5	567	547
3x3 x 1.5	20.5	22.5	387	22.1	24.0	577	556	24.8	27.0	697	676
4x3 x 1.5	22.8	25.0	494	24.4	26.5	708	684	27.1	29.5	837	813
5x3 x 1.5	25.2	27.5	604	26.8	29.0	843	817	29.7	32.0	994	968
7x3 x 1.5	27.8	30.5	798	29.4	32.0	1067	1039	32.3	35.0	1226	1197
10x3 x 1.5	36.4	39.5	1162	38.5	42.0	1621	1571	42	45.5	1877	1828
12x3 x 1.5	37.7	41.5	1336	39.8	43.5	1817	1766	43.3	47.0	2075	2024
14x3 x 1.5	39.9	43.5	1536	42	46.0	2051	1997	45.5	49.5	2316	2262
16x3 x 1.5	42.4	46.0	1741	44.5	48.0	2293	2236	48.2	52.0	2590	2532
19x3 x 1.5	45.0	49.0	2029	47.1	51.0	2624	2563	51	55.0	2952	2891
24x3 x 1.5	53.6	58.5	2599	55.7	60.5	3315	3242	60	65.0	3745	3672
27x3 x 1.5	55.0	59.5	2881	57.1	62.0	3626	3552	61.4	66.0	4055	3981
30x3 x 1.5	57.3	62.0	3177	59.4	64.5	3962	3884	63.9	69.0	4427	4350
33x3 x 1.5	59.8	65.0	3478	61.9	67.0	4305	4224	66.4	71.5	4780	4700
37x3 x 1.5	62.2	67.5	3833	64.3	69.5	4703	4619	69	74.5	5218	5134
43x3 x 1.5	68.1	74.0	4486	70.2	76.0	5452	5361	75.3	81.0	6066	5974
48x3 x 1.5	72.2	78.5	4983	74.3	80.5	6018	5921	79.6	86.0	6691	6594
1x3 x 2.5	12.0	13.5	184	13.6	15.0	295	282	15.7	17.0	353	340
2x3 x 2.5	20.8	23.0	381	22.4	24.5	573	552	25.1	27.0	696	674
3x3 x 2.5	22.4	24.5	518	24	26.5	730	707	26.7	29.0	855	832
4x3 x 2.5	24.9	27.5	665	26.5	29.0	904	879	29.4	32.0	1050	1025
5x3 x 2.5	27.6	30.0	815	29.2	31.5	1084	1055	32.1	34.5	1240	1212
7x3 x 2.5	30.4	33.0	1085	32.5	35.5	1475	1434	35.6	38.5	1656	1614
10x3 x 2.5	39.8	43.5	1572	41.9	45.5	2088	2034	45.4	49.5	2351	2297
12x3 x 2.5	41.4	45.0	1839	43.5	47.0	2385	2329	47.2	51.0	2669	2613
14x3 x 2.5	43.9	47.5	2117	46	49.5	2704	2645	49.7	53.5	2995	2936
16x3 x 2.5	46.6	50.5	2401	48.7	52.5	3032	2968	52.6	56.5	3354	3291
19x3 x 2.5	49.4	53.5	2804	51.5	56.0	3485	3418	55.6	60.0	3837	3770
24x3 x 2.5	58.9	64.0	3579	61	66.0	4401	4321	65.5	70.5	4863	4784
27x3 x 2.5	60.4	65.5	3974	62.5	67.5	4832	4750	67.2	72.5	5320	5238
30x3 x 2.5	62.9	68.0	4384	65	70.0	5289	5204	69.7	75.0	5784	5699
33x3 x 2.5	65.6	71.0	4800	67.7	73.0	5755	5667	72.6	78.0	6291	6203
37x3 x 2.5	68.5	74.0	5338	70.6	76.0	6351	6259	75.7	81.5	6927	6835
43x3 x 2.5	74.8	81.0	6198	76.9	83.0	7322	7221	82.2	88.5	7965	7864
48x3 x 2.5	79.4	86.0	6922	81.5	88.0	8132	8025	87	93.5	8834	8727

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

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

CHEPJP/NC, CHEFPF/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x2x截面积 No of pairs x 2 x cross section area	CHEPJ/NC, CHEPF/NC			CHEPJP80/NC, CHEPFP80/NC CHEPJP90/NC, CHEPFP90/NC				CHEPJP85/NC, CHEPFP86/NC CHEPJP95/NC, CHEPFP96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大	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											
1x2 x 0.75	9.8	11.0	139	10.9	12.0	201	194	13	14.5	249	242
2x2 x 0.75	15.9	17.5	275	17.5	19.0	422	406	19.8	21.5	503	487
3x2 x 0.75	17.1	19.0	378	18.7	20.5	540	522	21.2	23.0	632	614
4x2 x 0.75	18.8	21.0	478	20.4	22.5	659	639	22.9	25.0	755	736
5x2 x 0.75	20.9	23.0	590	22.5	24.5	793	772	25.2	27.5	907	886
7x2 x 0.75	23.0	25.5	792	24.6	27.0	1022	999	27.3	29.5	1138	1115
10x2 x 0.75	30.2	33.0	1152	32.3	35.0	1543	1502	35.4	38.5	1720	1679
12x2 x 0.75	31.2	34.0	1337	33.3	34.0	1748	1706	36.4	39.5	1924	1881
14x2 x 0.75	33.0	36.0	1544	35.1	38.0	1985	1940	38.4	41.5	2180	2135
16x2 x 0.75	34.9	38.5	1739	37	40.5	2210	2163	40.3	44.0	2410	2362
19x2 x 0.75	37.1	41.0	2041	39.2	43.0	2551	2501	42.7	46.5	2771	2720
24x2 x 0.75	44.2	48.0	2610	46.3	50.5	3225	3165	50.2	54.5	3519	3459
27x2 x 0.75	45.2	49.5	2886	47.3	51.5	3526	3464	51.2	55.5	3814	3753
30x2 x 0.75	47.1	51.5	3192	49.2	53.5	3867	3804	53.1	55.0	4157	4094
33x2 x 0.75	49.2	53.5	3503	51.3	55.5	4217	4150	55.4	60.0	4534	4468
37x2 x 0.75	51.2	56.0	3881	53.3	58.0	4635	4566	57.4	62.0	4952	4883
43x2 x 0.75	56.0	61.0	4517	58.1	63.0	5355	5279	62.6	67.5	5742	5667
48x2 x 0.75	59.3	64.5	5027	61.4	67.0	5926	5846	65.9	71.5	6322	6242
1x2 x 1.0	10.2	11.5	151	11.8	13.0	246	235	13.9	15.0	298	287
2x2 x 1.0	16.8	18.5	308	18.4	20.5	464	447	20.9	23.0	557	540
3x2 x 1.0	17.9	20.0	414	19.5	21.5	584	566	22	24.0	678	660
4x2 x 1.0	19.9	22.0	534	21.5	23.5	726	706	24	26.0	826	806
5x2 x 1.0	22.0	24.5	657	23.6	26.0	872	850	26.3	28.5	990	967
7x2 x 1.0	24.1	26.5	871	25.7	28.5	1114	1089	28.4	31.0	1233	1208
10x2 x 1.0	31.6	34.0	1265	33.7	36.5	1677	1634	36.8	40.0	1858	1815
12x2 x 1.0	32.9	36.0	1487	35	38.0	1924	1879	38.3	41.5	2121	2076
14x2 x 1.0	34.6	38.0	1700	36.7	40.0	2166	2119	40	43.5	2365	2318
16x2 x 1.0	36.8	40.0	1933	38.9	42.5	2435	2385	42.4	46.0	2658	2608
19x2 x 1.0	39.1	42.5	2268	41.2	45.0	2811	2758	44.7	48.5	3035	2982
24x2 x 1.0	46.6	50.5	2898	48.7	53.0	3553	3490	52.6	57.0	3853	3790
27x2 x 1.0	47.6	52.0	3204	49.7	54.0	3885	3821	53.6	58.0	4179	4115
30x2 x 1.0	49.6	54.0	3544	51.7	55.0	4264	4197	55.8	60.5	4583	4516
33x2 x 1.0	51.8	56.5	3887	53.9	58.5	4648	4578	58	62.5	4971	4901
37x2 x 1.0	53.9	58.5	4307	56	61.0	5111	5039	60.3	65.0	5461	5388
43x2 x 1.0	58.9	64.0	5011	61	66.5	5905	5825	65.5	71.0	6297	6217
48x2 x 1.0	62.6	68.0	5606	64.7	70.0	6569	6485	69.4	75.0	7001	6917

CHEPJP/NC, CHEPFP/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

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

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

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

CHEPJP/NC, CHEFPF/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

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

CHEPJP/NC, CHEPFP/NC (铜丝)

(CHEVP/NA, CHEFP/NA Series参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHEPJP/NC, CHEPFP/NC			CHEPJP80/NC, CHEPFP80/NC CHEPJP90/NC, CHEPFP90/NC				CHEPJP85/NC, CHEPFP86/NC CHEPJP95/NC, CHEPFP96/NC			
	外径 Overall diameter		约重 Approx weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 1.5	11.6	13.0	212	13.2	14.5	321	309	15.3	16.5	376	364
2x3 x 1.5	20.0	22.0	436	21.6	23.5	624	604	24.1	26.0	728	708
3x3 x 1.5	21.4	24.0	594	23	25.5	801	779	25.7	28.0	917	895
4x3 x 1.5	23.8	26.0	769	25.4	27.5	1005	980	28.1	30.5	1125	1101
5x3 x 1.5	26.3	29.0	946	27.9	30.5	1211	1184	30.8	33.5	1352	1326
7x3 x 1.5	29.1	32.0	1276	30.7	33.5	1580	1550	33.8	36.5	1738	1708
10x3 x 1.5	38.3	41.5	1863	40.4	44.0	2377	2325	43.9	47.5	2614	2562
12x3 x 1.5	39.6	43.0	2171	41.7	45.5	2715	2661	45.2	49.0	2946	2892
14x3 x 1.5	41.9	45.5	2507	44	47.5	3092	3035	47.7	51.5	3346	3290
16x3 x 1.5	44.6	48.5	2850	46.7	50.5	3481	3421	50.6	54.5	3764	3703
19x3 x 1.5	47.3	51.5	3341	49.4	53.5	4026	3962	53.3	57.5	4308	4244
24x3 x 1.5	56.3	61.0	4257	58.4	63.5	5085	5009	62.9	68.0	5486	5410
27x3 x 1.5	57.8	62.5	4741	59.9	64.5	5609	5531	64.4	69.5	6002	5924
30x3 x 1.5	60.2	65.0	5241	62.3	67.5	6160	6079	67	72.0	6582	6501
33x3 x 1.5	62.8	68.0	5745	64.9	70.0	6717	6633	69.6	75.0	7142	7058
37x3 x 1.5	65.5	71.0	6400	67.6	73.0	7434	7346	72.5	78.0	7888	7800
43x3 x 1.5	71.6	77.5	7435	73.7	79.5	8587	8490	78.8	85.0	9093	8997
48x3 x 1.5	76.0	82.0	8305	78.1	84.5	9547	9445	83.6	90.0	10138	10036
1x3 x 2.5	12.4	14.0	260	14	15.5	378	365	16.1	17.5	434	421
2x3 x 2.5	21.7	24.0	535	23.3	25.5	742	720	26	28.5	862	840
3x3 x 2.5	23.3	25.5	746	24.9	27.0	976	952	27.6	30.0	1095	1071
4x3 x 2.5	25.9	28.5	967	27.5	30.0	1229	1203	30.4	33.0	1367	1340
5x3 x 2.5	28.7	31.5	1192	30.3	33.0	1488	1459	33.4	36.0	1648	1619
7x3 x 2.5	31.7	34.5	1611	33.8	36.5	2042	1998	36.9	40.0	2205	2161
10x3 x 2.5	41.7	45.5	2344	43.8	47.5	2919	2862	47.5	51.0	3179	3123
12x3 x 2.5	43.2	47.0	2740	45.3	49.5	3351	3292	49	53.0	3604	3545
14x3 x 2.5	45.7	50.0	3166	47.8	52.0	3825	3763	51.7	56.0	4101	4040
16x3 x 2.5	48.6	53.0	3599	50.7	55.0	4311	4245	54.8	59.0	4616	4551
19x3 x 2.5	51.8	56.0	4249	53.9	58.0	5028	4958	58	62.5	5331	5261
24x3 x 2.5	61.6	67.0	5403	63.7	69.0	6345	6262	68.4	73.5	6775	6692
27x3 x 2.5	63.2	68.5	6021	65.3	70.5	7011	6926	70	75.0	7427	7342
30x3 x 2.5	65.8	71.0	6656	67.9	73.0	7706	7617	72.8	78.0	8151	8062
33x3 x 2.5	68.7	74.0	7297	70.8	76.0	8410	8318	75.9	81.5	8891	8798
37x3 x 2.5	71.6	77.5	8131	73.7	76.0	9317	9221	78.8	85.0	9789	9693
43x3 x 2.5	78.2	84.5	9442	80.3	87.0	10765	10660	85.8	92.5	11326	11220
48x3 x 2.5	83.0	90.0	10541	85.1	92.0	11971	11859	90.8	98.0	12579	12467

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

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