

# CJPJ/SC Series, CJPF/SC Series

0.6/1kV

交联聚乙烯绝缘低烟无卤电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable

图例 Example:

CJPJ85/SC  
3X120



型号: CJPJ/SC  
Type: CJPJ80/SC  
CJPJ90/SC  
CJPJ85/SC  
CJPJ95/SC  
CJPF/SC  
CJPF80/SC  
CJPF90/SC  
CJPF86/SC  
CJPF96/SC

## 用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

## 结构 Construction

## 执行标准 Standards applied

IEC 60092-353 – 设计 Design  
IEC 60228 Class 2 – 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

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power 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)

## CJV/SA Series

0.6/1kV

交联聚乙烯绝缘电力电缆

XLPE insulated shipboard power cable

图例 **Example:**

CJV82/SA  
3X120



型号: CJV/SA  
Type: CJV80/SA  
CJV90/SA  
CJV82/SA  
CJV92/SA

### 用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

### 结构 Construction

### 执行标准 Standards applied

IEC 60092-353	- 设计	Design
IEC 60228 Class 2	- 导体	Conductor
IEC 60092-351	- 绝缘	Insulation
IEC 60092-359	- 护套	Sheath
IEC 60332-3-22	- 阻燃	Flame Retardant

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power 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)

CJPJ/SC, CJPF/SC Series

芯数x截面 No. of cores x sectional area	CJPJ/SC, CJPF/SC			CJPJ80/SC, CJPF80/SC CJPJ90/SC, CJPF90/SC				CJPJ85/SC, CJPF86/SC CJPJ95/SC, CJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列		标称 Nom.	最大 Max.	85系列	
			kg/km			90系列 kg/km	kg/km			95系列 kg/km	
No. x mm <sup>2</sup>											
1 x 1	4.9	5.8	35	5.9	6.7	66	63	7.9	8.9	103	99
1 x 1.5	5.2	6.0	42	6.2	7.2	75	71	8.2	9.2	112	108
1 x 2.5	5.7	6.4	59	6.7	7.6	97	93	8.7	9.6	136	131
1 x 4	6.3	7.2	78	7.3	8.2	120	115	9.3	10.5	162	158
1 x 6	6.8	7.8	101	7.8	8.8	147	142	9.8	11.0	191	186
1 x 10	8.1	9.2	154	9.1	10.5	210	204	11.1	12.5	257	251
1 x 16	9.3	10.5	224	10.3	11.5	290	283	12.3	14.0	338	332
1 x 25	10.8	12.5	330	12.3	14.0	442	430	14.3	16.0	497	485
1 x 35	12.5	14.0	448	14.0	15.5	579	566	16.2	18.0	642	629
1 x 50	13.9	15.5	586	15.4	17.0	736	721	17.6	19.5	803	788
1 x 70	16.1	18.0	822	17.6	19.5	1001	984	19.8	21.5	1078	1061
1 x 95	18.4	20.5	1115	19.9	22.0	1327	1308	22.3	24.5	1403	1384
1 x 120	20.2	22.0	1387	21.7	23.5	1628	1606	24.1	26.0	1712	1691
1 x 150	22.0	24.0	1683	23.5	25.5	1953	1930	26.1	28.0	2032	2009
1 x 185	24.2	26.5	2087	25.7	28.0	2395	2370	28.3	31.0	2485	2460
1 x 240	27.5	29.5	2722	29.0	31.0	3088	3060	31.8	34.0	3166	3138
1 x 300	30.3	32.5	3382	32.3	34.5	3890	3848	35.3	37.5	3974	3932
2 x 1	7.6	8.6	66	8.6	9.8	115	109	10.6	12.0	165	159
2 x 1.5	8.2	9.6	84	9.2	10.5	138	132	11.2	13.0	189	183
2 x 2.5	9.4	10.5	113	10.4	11.5	174	167	12.4	13.5	228	221
2 x 4	10.6	12.0	152	12.1	13.5	253	242	14.1	15.5	315	303
2 x 6	11.8	13.0	204	13.3	15.0	318	305	15.3	17.0	384	371
2 x 10	14.6	16.0	317	16.1	18.0	459	443	18.3	20.0	542	526
2 x 16	16.8	18.5	459	18.3	20.5	626	608	20.7	23.0	723	706
2 x 25	20.0	22.0	684	21.5	23.5	888	867	23.9	26.0	1008	987
2 x 35	23.2	25.0	922	24.7	27.0	1164	1139	27.3	29.5	1290	1266
2 x 50	25.8	28.0	1203	27.3	29.5	1480	1453	30.1	32.5	1624	1597
2 x 70	30.6	33.0	1708	32.6	35.5	2136	2094	35.6	38.5	2311	2268
2 x 95	35.0	38.0	2305	37.0	40.5	2810	2762	40.2	43.5	3008	2959
2 x 120	38.6	41.5	2873	40.6	43.5	3445	3392	44.0	47.5	3661	3608
2 x 1+E	8.0	9.2	83	9.0	10.5	135	129	11.0	12.5	186	180
2 x 1.5+E	8.9	10.0	107	9.9	11.5	165	158	11.7	13.0	219	213
2 x 2.5+E	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
2 x 4+E	11.5	12.5	208	13.0	14.5	319	307	15.0	16.5	383	370
2 x 6+E	12.5	14.0	275	14.0	15.5	398	384	16.2	18.0	473	459
2 x 10+E	15.5	17.0	435	17.0	19.0	590	574	19.2	21.0	672	655
2 x 16+E	17.9	20.0	638	19.4	21.5	823	804	21.8	24.0	920	901
3 x 25+E	22.8	25.0	874	24.3	26.5	1109	1085	26.9	29.0	1065	1042
3 x 35+E	26.7	29.0	1216	28.2	30.5	1500	1472	31.0	33.5	1439	1411
3 x 50+E	29.0	31.5	1495	30.5	33.0	1811	1781	33.5	36.5	1736	1707
3 x 70+E	34.3	37.0	2110	36.3	39.5	2597	2550	39.5	42.5	2491	2444
3 x 95+E	39.3	42.5	2852	41.3	44.5	3429	3375	44.7	48.0	3286	3232
3 x 120+E	43.9	47.5	3656	45.9	49.5	4322	4263	49.5	53.0	4139	4080
3 x 1	8.0	9.2	83	9.0	10.5	135	129	11.0	12.5	186	180
3 x 1.5	8.9	10.0	107	9.9	11.5	165	158	11.7	13.0	219	213
3 x 2.5	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
3 x 4	11.5	12.5	208	13.0	14.5	319	307	15.0	16.5	383	370
3 x 6	12.5	14.0	275	14.0	15.5	398	384	16.2	18.0	473	459
3 x 10	15.6	17.0	435	17.1	19.0	590	574	19.3	21.0	672	655
3 x 16	17.9	20.0	638	19.4	21.5	823	804	21.8	24.0	920	901
3 x 25	21.4	24.0	962	22.9	25.5	1190	1168	25.5	28.0	1305	1283
3 x 35	25.0	27.0	1317	26.5	28.5	1593	1567	29.3	31.5	1725	1699
3 x 50	27.8	30.5	1726	29.3	32.0	2045	2016	32.1	35.0	2175	2147
3 x 70	32.9	35.5	2457	34.9	38.0	2947	2902	38.1	41.0	3119	3074
3 x 95	37.7	41.0	3330	39.7	43.0	3915	3864	43.1	46.5	4104	4053
3 x 120	41.5	45.0	4154	43.5	47.0	4822	4765	47.1	50.5	5023	4966
3 x 150	45.2	48.5	5035	47.2	50.5	5786	5725	51.0	54.5	6000	5939
3 x 185	50.3	54.0	6292	52.3	56.5	7161	7093	56.3	60.5	7391	7323

CJPJ/SC, CJPF/SC Series

芯数x截面 No. of cores x sectional area	CJPJ/SC, CJPF/SC			CJPJ80/SC, CJPF80/SC CJPJ90/SC, CJPF90/SC				CJPJ85/SC, CJPF86/SC CJPJ95/SC, CJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.	kg/km	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
	No. x mm <sup>2</sup>										
4 x 1	8.9	10.5	106	9.9	11.5	164	157	11.7	13.0	218	211
4 x 1.5	9.7	11.0	131	10.7	12.0	224	213	12.7	14.0	283	272
4 x 2.5	10.9	12.0	190	12.4	13.5	297	285	14.4	16.0	359	347
4 x 4	12.5	14.0	261	14.0	15.5	383	370	16.2	17.5	456	442
4 x 6	13.9	15.5	357	15.4	17.0	495	480	17.6	19.5	573	558
4 x 10	17.3	19.0	566	18.8	20.5	742	724	21.2	23.0	837	819
4 x 16	19.9	22.0	832	21.4	23.5	1042	1022	23.8	26.0	1141	1121
4 x 25	23.7	26.0	1258	25.2	27.5	1520	1496	27.8	30.5	1636	1611
4 x 35	27.8	30.0	1723	29.3	31.5	2042	2013	32.1	34.5	2173	2144
4 x 50	30.9	33.5	2261	32.9	35.5	2720	2677	35.9	39.0	2866	2824
4 x 70	36.6	39.5	3223	38.6	41.5	3791	3741	42.0	45.5	3974	3924
4 x 95	42.1	45.5	4394	44.1	47.5	5080	5022	47.7	51.5	5277	5220
4 x 120	46.4	50.0	5481	48.4	52.0	6267	6203	52.2	56.0	6471	6408
4 x 150	50.4	54.0	6645	52.4	56.0	7533	7464	56.4	60.0	7740	7672
5 x 1	9.7	11.0	125	10.7	12.0	218	207	12.7	14.5	276	265
7 x 1	10.5	12.0	158	12.0	13.5	259	247	14.0	15.5	321	309
10 x 1	13.4	15.5	224	14.9	17.0	352	337	17.1	19.0	434	420
12 x 1	14.0	16.0	262	15.5	17.5	396	381	17.7	19.5	479	464
14 x 1	14.7	16.5	296	16.2	18.0	438	422	18.4	20.5	524	508
16 x 1	15.5	17.5	330	17.0	19.0	480	463	19.2	21.5	569	553
19 x 1	16.3	18.5	386	17.8	20.0	547	529	20.0	22.5	649	631
24 x 1	19.4	21.5	487	20.9	23.0	676	656	23.3	25.5	790	769
27 x 1	19.8	22.0	534	21.3	23.5	729	708	23.7	26.0	842	821
30 x 1	20.5	23.0	582	22.0	24.5	785	763	24.6	27.0	913	892
33 x 1	21.3	24.0	632	22.8	25.5	844	821	25.4	28.5	975	953
37 x 1	22.3	25.0	706	23.8	26.5	930	906	26.4	29.0	1063	1040
5 x 1.5	10.5	12.0	156	12.0	13.5	257	245	14.0	15.5	318	307
7 x 1.5	11.6	13.0	206	13.1	14.5	318	305	15.1	17.0	382	369
10 x 1.5	14.8	16.5	292	16.3	18.0	434	418	18.5	20.5	520	504
12 x 1.5	15.3	17.0	334	16.8	18.5	482	466	19.0	21.0	569	553
14 x 1.5	16.0	18.0	378	17.5	20.0	534	517	19.7	22.0	634	617
16 x 1.5	17.1	19.0	432	18.6	20.5	600	582	21.0	23.0	702	683
19 x 1.5	18.0	20.0	497	19.5	21.5	675	656	21.9	24.0	780	761
24 x 1.5	21.2	24.0	628	22.7	25.5	839	817	25.3	28.0	970	948
27 x 1.5	21.7	24.5	701	23.2	26.0	921	898	25.8	28.5	1052	1029
30 x 1.5	22.6	25.0	765	24.1	26.5	994	970	26.7	29.5	1128	1105
33 x 1.5	23.5	26.0	832	25.0	27.5	1072	1047	27.6	30.5	1208	1183
37 x 1.5	24.4	27.0	929	25.9	29.0	1182	1157	28.5	31.5	1333	1308
5 x 2.5	12.1	13.5	227	13.6	15.0	344	331	15.6	17.0	416	403
7 x 2.5	13.1	14.5	296	14.6	16.0	425	411	16.8	18.5	498	484
10 x 2.5	17.0	18.5	427	18.5	20.0	594	576	20.9	22.5	694	676
12 x 2.5	17.6	19.0	494	19.1	20.5	669	650	21.5	23.0	768	749
14 x 2.5	18.4	20.0	562	19.9	21.5	747	727	22.3	24.0	848	828
16 x 2.5	19.7	21.5	641	21.2	23.0	840	820	23.6	25.5	946	925
19 x 2.5	20.7	22.5	742	22.2	24.0	954	933	24.8	26.5	1072	1050
24 x 2.5	24.4	26.5	948	25.9	28.0	1202	1177	28.5	30.5	1349	1323
27 x 2.5	25.1	27.0	1045	26.6	28.5	1308	1282	29.4	31.5	1453	1427
30 x 2.5	26.0	28.0	1146	27.5	29.5	1421	1394	30.3	32.5	1568	1541
33 x 2.5	27.1	29.0	1261	28.6	30.5	1553	1524	31.4	33.5	1704	1675
37 x 2.5	28.3	30.5	1394	29.8	32.0	1700	1671	32.6	35.0	1867	1837

注: a) CJV阻燃系列电缆参照上述数据使用

b) 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: a) Data above can be used for CJV flame retardant series cable.

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

# CJPJ/NC Series, CJPF/NC Series

0.6/1kV

交联聚乙烯绝缘低烟无卤电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable

图例 Example:

CJPF86/NC  
3X120



型号: CJPJ/NC  
Type: CJPJ80/NC  
CJPJ90/NC  
CJPJ85/NC  
CJPJ95/NC  
CJPF/NC  
CJPF80/NC  
CJPF90/NC  
CJPF86/NC  
CJPF96/NC

## 用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

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- 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

组分 Components	代号 Code	材料/描述 Material/Description
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绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braided (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

# CJV/NA Series

0.6/1kV

交联聚乙烯绝缘电力电缆

XLPE insulated shipboard power cable

图例 **Example:**

**CJV92/NA**  
**3X120**



型号: **CJV/NA**  
Type: **CJV80/NA**  
**CJV90/NA**  
**CJV82/NA**  
**CJV92/NA**

## 用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

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- IEC 60331 – 耐火 Fire Resistant
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组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CJPJ/NC, CJPF/NC Series

芯数x截面 No. of cores x sectional area	CJPJ/NC, CJPF/NC			CJPJ80/NC, CJPF80/NC CJPJ90/NC, CJPF90/NC				CJPJ85/NC, CJPF86/NC CJPJ95/NC, CJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.	kg/km	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
	No. x mm <sup>2</sup>										
1 x 1	5.5	6.4	41	6.5	7.4	76	72	8.5	9.6	115	111
1 x 1.5	5.8	6.7	51	6.8	7.8	89	85	8.8	10.0	131	126
1 x 2.5	6.3	7.2	66	7.3	8.2	108	103	9.3	10.5	151	146
1 x 4	6.9	7.8	86	7.9	8.9	132	127	9.9	11.0	176	171
1 x 6	7.4	8.4	110	8.4	9.6	160	154	10.4	12.0	205	199
1 x 10	8.9	10.0	167	9.9	11.5	228	221	11.9	13.5	277	271
1 x 16	9.9	11.5	235	10.9	12.5	335	324	12.9	14.5	390	379
1 x 25	11.6	13.0	348	13.1	14.5	467	455	15.1	17.0	523	511
1 x 35	13.1	14.5	461	14.6	16.0	598	584	16.8	18.5	666	652
1 x 50	14.5	16.0	602	16.0	18.0	757	742	18.2	20.0	825	810
1 x 70	16.9	18.5	847	18.4	20.5	1034	1016	20.8	23.0	1112	1094
1 x 95	19.0	21.0	1143	20.5	23.0	1363	1343	22.9	25.5	1441	1421
1 x 120	20.8	23.0	1408	22.3	24.5	1654	1633	24.9	27.0	1741	1719
1 x 150	22.6	24.5	1706	24.1	26.0	1982	1958	26.7	29.0	2063	2039
1 x 185	25.0	27.5	2123	26.5	29.0	2439	2413	29.3	32.0	2531	2505
1 x 240	28.1	30.5	2750	29.6	32.0	3123	3094	32.4	35.0	3221	3192
1 x 300	30.9	33.0	3413	32.9	35.5	3929	3887	35.9	38.5	4018	3975
2 x 1	9.0	10.5	83	10.0	11.5	140	133	12.0	13.5	196	189
2 x 1.5	9.6	11.0	98	10.6	12.0	159	152	12.6	14.0	216	209
2 x 2.5	10.6	12.0	128	12.1	13.5	228	217	14.1	15.5	291	279
2 x 4	12.0	13.5	173	13.5	15.0	287	274	15.5	17.0	361	348
2 x 6	13.0	14.5	221	14.5	16.0	345	331	16.7	18.5	425	411
2 x 10	15.8	17.5	337	17.3	19.0	490	473	19.5	21.5	579	562
2 x 16	18.0	20.0	481	19.5	21.5	659	640	21.9	24.0	764	745
2 x 25	21.2	23.5	710	22.7	25.0	925	903	25.3	27.5	1049	1027
2 x 35	24.4	27.0	963	25.9	28.5	1218	1192	28.5	31.0	1364	1339
2 x 50	27.0	29.5	1235	28.5	31.5	1523	1495	31.3	34.0	1675	1647
2 x 70	31.8	34.5	1746	33.8	36.5	2189	2145	36.8	40.0	2388	2344
2 x 95	36.4	39.5	2363	38.4	41.5	2886	2836	41.8	45.5	3112	3062
2 x 120	39.8	43.0	2919	41.8	45.0	3507	3452	45.2	48.5	3752	3698
2 x 1+E	9.5	11.0	103	10.5	12.0	164	157	12.5	14.0	221	214
2 x 1.5+E	10.2	11.5	124	11.7	13.0	221	209	13.7	15.5	282	270
2 x 2.5+E	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
2 x 4+E	12.8	14.0	229	14.3	16.0	352	338	16.5	18.0	428	415
2 x 6+E	14.0	15.5	304	15.5	17.0	440	425	17.7	19.5	521	506
2 x 10+E	17.0	19.0	470	18.5	20.5	639	621	20.9	23.0	738	720
2 x 16+E	19.4	21.5	677	20.9	23.0	876	855	23.3	25.5	980	959
3 x 25+E	24.3	27.0	907	25.8	28.5	1156	1131	28.4	31.0	1110	1085
3 x 35+E	28.3	31.0	1265	29.8	32.5	1564	1535	32.6	35.5	1501	1472
3 x 50+E	30.7	33.5	1549	32.7	35.5	1969	1927	35.7	39.0	1892	1850
3 x 70+E	36.0	39.0	2173	38.0	41.0	2681	2632	41.4	44.5	2573	2523
3 x 95+E	40.9	44.5	2924	42.9	46.5	3523	3467	46.5	50.5	3377	3321
3 x 120+E	45.4	49.0	3715	47.4	51.0	4400	4339	51.2	55.0	4215	4153
3 x 1	9.5	11.0	103	10.5	12.0	164	157	12.5	14.0	221	214
3 x 1.5	10.2	11.5	124	11.7	13.0	221	209	13.7	15.5	282	270
3 x 2.5	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
3 x 4	12.8	14.0	229	14.3	16.0	352	338	16.5	18.0	428	415
3 x 6	14.0	15.5	304	15.5	17.0	440	425	17.7	19.5	521	506
3 x 10	17.0	19.0	470	18.5	20.5	639	621	20.9	23.0	738	720
3 x 16	19.4	21.5	677	20.9	23.0	876	855	23.3	25.5	980	959
3 x 25	22.8	25.0	1007	24.3	27.0	1250	1226	26.9	29.5	1372	1348
3 x 35	26.3	28.5	1357	27.8	30.0	1645	1618	30.6	33.0	1785	1758
3 x 50	29.1	31.5	1770	30.6	33.5	2102	2072	33.6	36.5	2259	2229
3 x 70	34.2	37.0	2509	36.2	39.5	3016	2969	39.4	42.5	3196	3149
3 x 95	39.2	42.5	3406	41.2	44.5	4011	3958	44.6	48.0	4209	4155
3 x 120	42.8	46.0	4218	44.8	48.0	4903	4844	48.4	52.0	5113	5055
3 x 150	46.7	50.0	5125	48.7	52.0	5897	5833	52.5	56.0	6120	6056
3 x 185	51.8	56.0	6392	53.8	58.0	7282	7212	57.8	62.0	7548	7478

CJPJ/NC, CJPF/NC Series

芯数x截面 No. of cores x sectional area	CJPJ/NC, CJPF/NC			CJPJ80/NC, CJPF80/NC CJPJ90/NC, CJPF90/NC				CJPJ85/NC, CJPF86/NC CJPJ95/NC, CJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.	kg/km	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
	No. x mm <sup>2</sup>										
4 x 1	10.4	12.0	126	11.9	13.5	224	213	13.9	15.5	287	276
4 x 1.5	11.3	13.0	158	12.8	14.5	265	253	14.8	16.5	331	319
4 x 2.5	12.5	14.0	213	14.0	15.5	333	319	16.2	18.0	408	394
4 x 4	14.2	15.5	294	15.7	17.0	431	416	17.9	19.5	513	497
4 x 6	15.4	17.0	386	16.9	18.5	538	521	19.1	21.0	622	605
4 x 10	18.7	20.5	600	20.2	22.5	789	769	22.6	25.0	893	874
4 x 16	21.4	24.0	871	22.9	25.5	1095	1073	25.5	28.0	1216	1193
4 x 25	25.4	28.0	1315	26.9	29.5	1594	1568	29.7	32.5	1733	1707
4 x 35	29.2	31.5	1774	30.7	33.5	2107	2076	33.7	36.5	2264	2234
4 x 50	32.3	35.5	2318	34.3	37.5	2795	2750	37.5	41.0	2969	2925
4 x 70	38.2	41.5	3307	40.2	43.5	3897	3844	43.6	47.0	4091	4038
4 x 95	43.7	47.5	4490	45.7	49.5	5198	5138	49.3	53.5	5430	5370
4 x 120	47.8	51.5	5564	49.8	53.5	6370	6305	53.6	57.5	6609	6544
4 x 150	52.1	55.5	6759	54.1	58.0	7671	7600	58.3	62.0	7919	7848
5 x 1	11.5	13.0	154	13.0	14.5	263	250	15.0	17.0	329	316
7 x 1	12.5	14.0	195	14.0	16.0	314	300	16.2	18.0	392	379
10 x 1	16.0	18.0	276	17.5	20.0	427	410	19.7	22.0	531	514
12 x 1	16.7	18.5	321	18.2	20.5	480	462	20.6	23.0	585	567
14 x 1	17.6	19.5	362	19.1	21.0	530	512	21.5	24.0	639	620
16 x 1	18.5	20.5	403	20.0	22.5	581	561	22.4	25.0	696	676
19 x 1	19.7	22.0	472	21.2	23.5	663	642	23.6	26.0	779	758
24 x 1	23.2	25.5	595	24.7	27.5	820	796	27.3	30.0	965	941
27 x 1	23.7	26.5	650	25.2	28.0	882	857	27.8	30.5	1028	1003
30 x 1	24.8	27.5	721	26.3	29.0	965	940	29.1	32.0	1130	1104
33 x 1	25.7	28.5	780	27.2	30.0	1035	1008	30.0	33.0	1203	1177
37 x 1	26.7	29.5	858	28.2	31.5	1125	1097	31.0	34.0	1295	1268
5 x 1.5	12.3	14.0	187	13.8	15.5	304	291	15.8	17.5	380	367
7 x 1.5	13.4	15.5	240	14.9	17.0	368	354	17.1	19.0	449	435
10 x 1.5	17.4	19.5	348	18.9	21.0	514	496	21.3	23.5	622	604
12 x 1.5	18.0	20.0	397	19.5	21.5	570	551	21.9	24.0	680	661
14 x 1.5	18.9	21.0	450	20.4	23.0	633	613	22.8	25.5	745	725
16 x 1.5	20.1	22.5	512	21.6	24.0	708	687	24.0	26.5	836	815
19 x 1.5	21.2	23.5	589	22.7	25.0	798	776	25.3	28.0	931	909
24 x 1.5	25.2	28.0	754	26.7	29.5	1003	977	29.5	32.5	1167	1140
27 x 1.5	25.7	28.5	827	27.2	30.0	1084	1057	30.0	33.0	1250	1223
30 x 1.5	26.7	29.5	903	28.2	31.0	1172	1144	31.0	34.0	1341	1313
33 x 1.5	27.9	31.0	993	29.4	32.5	1276	1247	32.2	35.5	1447	1418
37 x 1.5	29.0	32.0	1094	30.5	33.5	1391	1361	33.5	36.5	1582	1553
5 x 2.5	13.9	15.5	262	15.4	17.0	395	381	17.6	19.0	476	461
7 x 2.5	15.1	16.5	340	16.6	18.0	487	471	18.8	20.5	571	555
10 x 2.5	19.6	21.5	490	21.1	23.0	681	660	23.5	25.5	791	771
12 x 2.5	20.3	22.0	565	21.8	23.5	765	744	24.2	26.0	888	867
14 x 2.5	21.3	23.0	642	22.8	24.5	854	832	25.4	27.5	979	957
16 x 2.5	22.7	24.5	731	24.2	26.0	959	935	26.8	29.0	1089	1065
19 x 2.5	23.9	26.0	845	25.4	27.5	1088	1064	28.0	30.0	1221	1196
24 x 2.5	28.4	30.5	1078	29.9	32.0	1369	1340	32.7	35.0	1551	1522
27 x 2.5	29.0	31.0	1188	30.5	33.0	1490	1460	33.5	36.0	1669	1639
30 x 2.5	30.3	32.5	1316	32.3	34.5	1721	1679	35.3	38.0	1908	1866
33 x 2.5	31.5	34.0	1431	33.5	36.0	1855	1811	36.5	39.0	2063	2020
37 x 2.5	32.9	35.5	1596	34.9	37.5	2043	1998	38.1	41.0	2254	2209

注: a) CJV耐火系列电缆参照上述数据使用

b) 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: a) Data above can be used for CJV fire resistant series cable.

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

# CJPJR/SC Series, CJPFR/SC Series

0.6/1kV

交联聚乙烯绝缘电力软电缆

XLPE insulated shipboard power flexible cable

图例 **Example:**

**CJPJR/SC  
2X70**



型号: **CJPJR/SC**  
 Type: **CJPJR80/SC**  
**CJPJR90/SC**  
**CJPJR85/SC**  
**CJPJR95/SC**  


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**CJPFR/SC**  
**CJPFR80/SC**  
**CJPFR90/SC**  
**CJPFR86/SC**  
**CJPFR96/SC**

## 用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

## 执行标准 Standards applied

IEC 60092-353 – 设计 Design  
 IEC 60228 Class 5 – 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	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合软镀锡退火铜, IEC 60228 Class 5 Stranded tinned annealed copper (STC), IEC 60228 Class 5
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-351
护套 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)
结构 Construction	R	软结构导体 Flexible copper conductor
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)

CJPJR/SC, CJPFR/SC Series

芯数x截面 No. of cores x sectional area	CJPJR/SC, CJPFR/SC			CJPJR80/SC, CJPFR80/SC CJPJR90/SC, CJPFR90/SC				CJPJR85/SC, CJPFR86/SC CJPJR95/SC, CJPFR96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 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
	No. x mm <sup>2</sup>										
1 x 1	5.1	6.0	37	6.2	7.0	68	65	8.3	9.2	101	97
1 x 1.5	5.4	6.2	45	6.5	7.4	78	75	8.6	9.4	111	107
1 x 2.5	6.1	7.0	61	7.2	8.0	99	95	9.3	10.0	134	130
1 x 4	6.7	7.6	82	7.8	8.6	124	120	9.9	11.0	161	157
1 x 6	7.7	8.8	111	8.8	9.8	160	155	10.9	12.0	200	195
1 x 10	9.0	10.5	173	10.1	11.5	232	226	12.2	13.5	276	269
1 x 16	10.0	11.5	235	11.1	12.5	303	296	13.2	14.5	347	341
1 x 25	11.8	13.0	346	13.4	15.0	429	421	15.5	17.0	477	468
1 x 35	13.3	15.0	465	14.9	16.5	562	553	17.2	18.5	618	609
1 x 50	15.1	16.5	638	16.7	18.5	753	743	19.0	20.5	810	799
1 x 70	18.5	20.5	902	20.1	22.0	1049	1036	22.6	24.5	1119	1107
1 x 95	21.8	24.0	1182	23.4	25.5	1361	1346	26.1	28.0	1447	1432
1 x 120	23.4	25.5	1467	25.0	27.0	1669	1653	27.7	29.5	1750	1735
1 x 150	24.6	27.0	1768	26.2	28.5	1991	1974	29.1	31.5	2065	2048
1 x 185	27.3	29.5	2160	28.9	31.5	2417	2399	31.8	34.0	2502	2484
1 x 240	30.9	33.5	2817	33.0	35.5	3126	3106	36.1	38.5	3219	3198
1 x 300	34.0	36.5	3478	36.1	38.5	3837	3814	39.4	42.0	3935	3912
2 x 1	8.0	9.2	71	9.1	10.5	120	114	11.2	12.5	163	157
2 x 1.5	8.8	10.0	89	9.9	11.0	143	137	12.0	13.0	190	183
2 x 2.5	9.8	11.0	117	10.9	12.0	178	171	13.0	14.0	227	220
2 x 4	11.0	12.0	159	12.6	14.0	228	221	14.7	16.0	282	274
2 x 6	13.2	15.0	223	14.8	16.5	307	298	17.1	19.0	375	366
2 x 10	15.6	17.5	349	17.2	19.0	453	442	19.5	21.5	526	515
2 x 16	17.8	20.0	482	19.4	21.5	604	592	21.9	24.0	692	680
2 x 25	21.2	23.5	707	22.8	25.0	859	844	25.5	27.5	965	951
2 x 35	24.4	27.0	959	26.0	28.5	1141	1124	28.9	31.5	1254	1237
2 x 50	28.0	30.5	1321	29.6	32.0	1540	1521	32.5	35.0	1672	1653
2 x 70	34.8	37.5	1877	36.9	39.5	2160	2137	40.2	43.0	2344	2321
2 x 95	41.6	45.0	2489	43.7	47.0	2840	2812	47.4	50.5	3086	3058
2 x 120	44.6	48.0	3068	46.7	50.0	3464	3434	50.6	54.0	3706	3676
2 x 1+E	8.4	9.8	90	9.5	11.0	142	136	11.6	13.0	186	180
2 x 1.5+E	9.3	10.5	114	10.4	11.5	172	165	12.5	14.0	220	213
2 x 2.5+E	10.4	11.5	153	12.0	13.0	219	212	14.1	15.0	270	262
2 x 4+E	11.9	13.0	219	13.5	14.5	296	288	15.6	17.0	351	342
2 x 6+E	14.2	16.0	308	15.8	17.5	402	392	18.1	20.0	470	461
2 x 10+E	16.6	18.5	481	18.2	20.5	597	585	20.7	23.0	668	657
2 x 16+E	19.0	21.0	671	20.6	23.0	809	796	23.1	25.5	894	882
3 x 25+E	24.0	26.5	1003	25.6	28.0	1252	1227	28.3	30.5	1364	1339
3 x 35+E	27.0	30.5	1259	28.6	32.0	1545	1517	31.5	35.0	1676	1649
3 x 50+E	31.2	34.0	1575	33.3	36.0	1998	1956	36.4	39.0	2162	2119
3 x 70+E	38.5	41.5	2265	40.6	44.0	2802	2749	44.1	47.5	3021	2969
3 x 95+E	45.5	49.0	3098	47.6	51.0	3752	3690	51.5	55.0	4031	3970
3 x 120+E	50.3	53.5	3931	52.4	55.5	4678	4610	56.5	60.0	4984	4916
3 x 1	8.4	9.8	90	9.5	11.0	142	136	11.6	13.0	186	180
3 x 1.5	9.3	10.5	114	10.4	11.5	172	165	12.5	14.0	220	213
3 x 2.5	10.4	11.5	153	12.0	13.0	219	212	14.1	15.0	270	262
3 x 4	11.9	13.0	219	13.5	14.5	296	288	15.6	17.0	351	342
3 x 6	14.2	16.0	308	15.8	17.5	402	392	18.1	20.0	470	461
3 x 10	16.6	18.5	481	18.2	20.5	597	585	20.7	23.0	668	657
3 x 16	19.0	21.0	671	20.6	23.0	809	796	23.1	25.5	894	882
3 x 25	22.8	25.0	1004	24.4	26.5	1179	1164	27.1	29.5	1281	1266
3 x 35	26.2	28.5	1369	27.8	30.5	1581	1563	30.7	33.0	1699	1681
3 x 50	29.9	32.5	1879	31.5	34.0	2136	2116	34.6	37.5	2267	2247
3 x 70	37.4	40.5	2690	39.5	42.5	3028	3003	43.0	46.0	3210	3185
3 x 95	44.7	48.0	3560	46.8	50.0	3981	3951	50.7	54.0	4200	4170
3 x 120	47.9	51.5	4408	50.0	53.5	4889	4856	54.1	58.0	5115	5083
3 x 150	50.7	54.5	5335	52.8	56.5	5877	5843	56.9	60.5	6107	6073
3 x 185	56.5	60.5	6531	58.6	62.5	7164	7126	63.1	67.0	7417	7379

CJPJR/SC,CJPFR/SC Series

芯数x截面 No. of cores x sectional area	CJPJR/SC, CJPFR/SC			CJPJR80/SC, CJPFR80/SC CJPJR90/SC, CJPFR90/SC				CJPJR85/SC, CJPFR86/SC CJPJR95/SC, CJPFR96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 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
	No. x mm <sup>2</sup>										
4 x 1	9.3	10.5	114	10.4	12.0	172	165	12.5	14.0	219	213
4 x 1.5	10.1	11.5	141	11.7	13.0	205	198	13.8	15.0	255	248
4 x 2.5	11.5	12.5	197	13.1	14.5	271	263	15.2	16.5	324	316
4 x 4	12.9	14.0	276	14.5	16.0	361	353	16.8	18.0	425	416
4 x 6	15.5	17.5	390	17.1	19.0	495	485	19.4	21.5	566	555
4 x 10	18.4	20.5	625	20.0	22.0	757	745	22.5	24.5	842	829
4 x 16	21.0	23.0	875	22.6	25.0	1034	1020	25.3	27.5	1131	1117
4 x 25	25.3	27.5	1311	26.9	29.5	1515	1498	29.8	32.5	1630	1613
4 x 35	29.1	31.5	1791	30.7	33.5	2039	2020	33.8	36.5	2170	2151
4 x 50	33.4	36.0	2478	35.5	38.5	2784	2761	38.8	41.5	2927	2904
4 x 70	41.7	45.0	3541	43.8	47.0	3945	3917	47.5	51.0	4140	4111
4 x 95	49.8	53.5	4680	51.9	55.5	5184	5151	56.0	60.0	5440	5406
4 x 120	53.4	57.0	5801	55.5	59.5	6381	6345	59.8	64.0	6640	6605
4 x 150	56.5	60.5	7027	58.6	62.5	7685	7647	63.1	67.0	7914	7876
5 x 1	10.1	11.5	136	11.7	13.0	199	192	13.8	15.0	249	242
7 x 1	10.9	12.5	173	12.5	14.0	243	235	14.6	16.0	295	287
10 x 1	13.8	16.0	246	15.4	17.5	335	325	17.7	19.5	404	394
12 x 1	14.4	16.0	288	16.0	18.0	382	372	18.3	20.0	452	442
14 x 1	15.1	17.0	326	16.7	18.5	426	415	19.0	21.0	498	487
16 x 1	15.9	18.0	364	17.5	19.5	470	459	19.8	22.0	545	534
19 x 1	16.9	19.0	427	18.5	20.5	542	530	21.0	23.0	627	616
24 x 1	19.8	22.0	539	21.4	23.5	675	661	23.9	26.0	771	757
27 x 1	20.2	22.5	592	21.8	24.0	733	719	24.3	26.5	828	814
30 x 1	20.9	23.0	647	22.5	25.0	794	780	25.2	27.5	902	887
33 x 1	21.7	24.5	702	23.3	26.0	856	841	26.0	28.5	967	952
37 x 1	22.7	25.0	785	24.3	27.0	949	933	27.0	29.5	1061	1045
5 x 1.5	10.9	12.5	168	12.5	14.0	237	230	14.6	16.0	290	282
7 x 1.5	12.0	13.5	223	13.6	15.0	301	293	15.7	17.0	356	347
10 x 1.5	15.2	17.0	316	16.8	18.5	416	405	19.1	21.0	489	479
12 x 1.5	15.7	17.5	364	17.3	19.0	469	458	19.6	21.5	542	531
14 x 1.5	16.4	18.5	413	18.0	20.0	524	513	20.5	22.5	598	587
16 x 1.5	17.5	19.5	471	19.1	21.0	591	579	21.6	23.5	678	666
19 x 1.5	18.4	20.5	544	20.0	22.0	672	660	22.5	24.5	760	748
24 x 1.5	21.6	24.0	687	23.2	25.5	840	825	25.9	28.5	950	935
27 x 1.5	22.3	24.5	767	23.9	26.5	928	912	26.6	29.0	1038	1023
30 x 1.5	23.0	25.5	839	24.6	27.0	1007	991	27.3	30.0	1118	1102
33 x 1.5	23.9	26.5	913	25.5	28.0	1090	1073	28.2	31.0	1202	1186
37 x 1.5	25.0	27.5	1020	26.6	29.0	1208	1191	29.5	32.0	1335	1318
5 x 2.5	12.5	14.0	236	14.1	15.5	317	309	16.4	17.5	374	365
7 x 2.5	13.5	15.0	308	15.1	16.5	398	389	17.4	18.5	464	454
10 x 2.5	17.4	19.0	446	19.0	20.5	564	552	21.5	23.0	651	639
12 x 2.5	18.0	19.5	516	19.6	21.0	641	629	22.1	23.5	728	716
14 x 2.5	18.8	20.5	587	20.4	22.0	720	707	22.9	24.5	808	795
16 x 2.5	20.1	22.0	670	21.7	23.5	814	800	24.2	26.0	906	892
19 x 2.5	21.1	23.0	777	22.7	24.5	932	917	25.4	27.0	1034	1020
24 x 2.5	25.0	27.0	992	26.6	28.5	1178	1161	29.5	31.5	1307	1290
27 x 2.5	25.5	27.5	1094	27.1	29.0	1288	1271	30.0	32.0	1415	1398
30 x 2.5	26.4	28.5	1201	28.0	30.0	1405	1388	30.9	33.0	1533	1515
33 x 2.5	27.7	29.5	1322	29.3	31.5	1539	1521	32.2	34.5	1669	1650
37 x 2.5	28.7	31.0	1462	30.3	32.5	1692	1672	33.4	35.5	1821	1802

注: a) CJVR阻燃系列电缆参照上述数据使用

b) 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: a) Data above can be used for CJVR flame retardant series cable.

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

**CJ85/SC Series, CJ86/SC Series**

**0.6/1kV**

交联聚乙烯绝缘低烟无卤无内套电力电缆

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

图例 **Example:**

型号: **CJ85/SC**

Type: **CJ86/SC**

**CJ85/SC**  
**3X120**



**用途 Application**

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

**结构 Construction**

**执行标准 Standards applied**

- IEC 60092-353 – 设计 **Design**
- IEC 60228 Class 2 – 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**

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power 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)

CJ85/SC, CJ86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight kg/km	芯数x截面 No. of cores x sectional area No. x mm <sup>2</sup>	外径 Over diam. mm		约重 Approx. weight kg/km
	标称 Nom.	最大 Max.			标称 Nom.	最大 Max.	
1 x 1	5.9	6.7	66	4 x 1	9.9	11.5	158
1 x 1.5	6.2	7.2	75	4 x 1.5	10.7	12.0	193
1 x 2.5	6.7	7.6	92	4 x 2.5	12.1	13.5	252
1 x 4	7.3	8.2	114	4 x 4	14.2	15.5	372
1 x 6	7.8	8.8	141	4 x 6	15.4	17.0	474
1 x 10	9.3	10.5	205	4 x 10	18.8	20.5	721
1 x 16	10.3	11.5	278	4 x 16	21.4	23.5	1002
1 x 25	12.0	13.5	399	4 x 25	25.4	28.0	1473
1 x 35	14.2	15.5	560	4 x 35	29.3	31.5	1957
1 x 50	15.4	17.0	704	4 x 50	32.4	35.0	2540
1 x 70	17.8	19.5	966	4 x 70	38.8	42.0	3653
1 x 95	20.1	22.0	1281	4 x 95	44.3	48.0	4891
1 x 120	21.7	23.5	1568	4 x 120	48.3	52.0	6002
1 x 150	23.5	25.5	1867	4 x 150	52.6	56.0	7236
1 x 185	25.9	28.0	2304				
1 x 240	29.0	31.0	2952				
1 x 300	31.8	34.0	3636				
2 x 1	8.8	10.0	116	5 x 1	10.7	12.0	187
2 x 1.5	9.4	10.5	133	7 x 1	11.7	13.0	226
2 x 2.5	10.4	11.5	167	10 x 1	15.1	17.0	347
2 x 4	11.8	13.0	218	12 x 1	15.5	17.5	381
2 x 6	12.8	14.5	272	14 x 1	16.2	18.0	429
2 x 10	16.1	18.0	449	16 x 1	17.2	19.0	472
2 x 16	18.3	20.5	602	19 x 1	18.0	20.0	527
2 x 25	21.5	23.5	865	24 x 1	20.9	23.0	654
2 x 35	24.9	27.0	1130	27 x 1	21.3	23.5	703
2 x 50	27.5	30.0	1436	30 x 1	22.2	24.5	769
2 x 70	32.1	35.0	1969	33 x 1	23.0	25.5	827
2 x 95	37.2	40.5	2716	37 x 1	23.8	26.5	897
2 x 1+E	9.2	10.5	135	5 x 1.5	11.7	13.0	223
2 x 1.5+E	9.9	11.5	159	7 x 1.5	12.6	14.0	274
2 x 2.5+E	11.2	12.5	210	10 x 1.5	16.3	18.0	426
2 x 4+E	12.5	14.0	273	12 x 1.5	17.0	19.0	473
2 x 6+E	14.2	16.0	389	14 x 1.5	17.7	20.0	524
2 x 10+E	17.2	19.0	575	16 x 1.5	18.6	20.5	578
2 x 16+E	19.6	21.5	801	19 x 1.5	19.7	22.0	661
3 x 25+E	24.2	26.5	1078	24 x 1.5	22.9	25.5	821
3 x 35+E	28.3	30.5	1455	27 x 1.5	23.4	26.0	888
3 x 50+E	30.6	33.5	1757	30 x 1.5	24.1	26.5	959
3 x 70+E	36.4	39.5	2510	33 x 1.5	25.2	28.0	1046
3 x 95+E	41.3	45.0	3314	37 x 1.5	26.1	29.0	1140
3 x 120+E	45.7	49.0	4147				
3 x 1	9.2	10.5	135	5 x 2.5	13.1	14.5	296
3 x 1.5	9.9	11.5	159	7 x 2.5	14.8	16.0	413
3 x 2.5	11.2	12.5	210	10 x 2.5	18.5	20.0	569
3 x 4	12.5	14.0	273	12 x 2.5	19.3	21.0	650
3 x 6	14.2	16.0	389	14 x 2.5	20.1	22.0	725
3 x 10	16.7	18.5	575	16 x 2.5	21.2	23.0	805
3 x 16	19.6	21.5	801	19 x 2.5	22.4	24.0	926
3 x 25	23.0	25.5	1155	24 x 2.5	26.1	28.0	1153
3 x 35	26.5	28.5	1528	27 x 2.5	26.6	28.5	1255
3 x 50	29.3	32.0	1962	30 x 2.5	27.7	29.5	1377
3 x 70	34.4	37.5	2738	33 x 2.5	28.8	31.0	1489
3 x 95	38.9	42.0	3774	37 x 2.5	29.8	32.0	1646
3 x 120	43.7	47.0	4642				
3 x 150	47.4	50.5	5563				
3 x 185	52.5	56.5	6888				

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.

**CJ85/NC Series, CJ86/NC Series**

**0.6/1kV**

交联聚乙烯绝缘低烟无卤无内套电力电缆

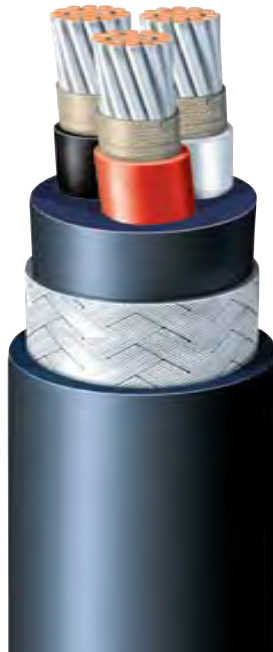
XLPE insulated halogen-free low-smoke shipboard power cable without inner sheath

图例 **Example:**

型号: **CJ85/NC**

Type: **CJ85/NC**

**CJ86/NC**  
**3X120**



**用途 Application**

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

**结构 Construction**

**执行标准 Standards applied**

- IEC 60092-353 – 设计 **Design**
- IEC 60228 Class 2 – 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**

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

CJ85/NC, CJ86/NC

芯数x截面 No. of cores x sectional area No. x mm <sup>2</sup>	外径 Over diam. mm		约重 Approx. weight kg/km	芯数x截面 No. of cores x sectional area No. x mm <sup>2</sup>	外径 Over diam. mm		约重 Approx. weight kg/km
	标称 Nom.	最大 Max.			标称 Nom.	最大 Max.	
	1 x 1	6.7			7.8	74	
1 x 1.5	7.0	8.0	83	4 x 1.5	12.5	14.0	222
1 x 2.5	7.5	8.4	100	4 x 2.5	14.4	16.0	322
1 x 4	8.1	9.2	123	4 x 4	15.9	17.5	410
1 x 6	8.8	10.0	155	4 x 6	17.3	19.0	522
1 x 10	10.1	11.5	217	4 x 10	20.6	22.5	766
1 x 16	11.1	12.5	290	4 x 16	23.3	25.5	1062
1 x 25	12.8	14.5	413	4 x 25	27.1	29.5	1529
1 x 35	15.0	16.5	576	4 x 35	31.1	33.5	2034
1 x 50	16.2	18.0	721	4 x 50	34.2	37.0	2608
1 x 70	18.6	20.5	986	4 x 70	40.4	43.5	3732
1 x 95	20.9	23.0	1303	4 x 95	45.9	49.5	4980
1 x 120	22.7	25.0	1592	4 x 120	50.2	54.0	6124
1 x 150	24.3	26.5	1893	4 x 150	54.3	58.0	7340
1 x 185	26.7	29.0	2332				
1 x 240	29.8	32.0	2983				
1 x 300	32.6	35.0	3669				
2 x 1	10.2	11.5	134	5 x 1	12.7	14.5	219
2 x 1.5	10.8	12.5	152	7 x 1	14.4	16.0	306
2 x 2.5	12.0	13.5	192	10 x 1	17.9	20.0	419
2 x 4	13.2	14.5	239	12 x 1	18.4	20.5	461
2 x 6	14.9	16.5	336	14 x 1	19.5	21.5	519
2 x 10	17.7	19.5	477	16 x 1	20.4	22.5	569
2 x 16	19.9	22.0	642	19 x 1	21.4	24.0	637
2 x 25	23.1	25.5	899	24 x 1	25.1	27.5	803
2 x 35	26.3	28.5	1168	27 x 1	25.6	28.5	863
2 x 50	28.9	31.5	1476	30 x 1	26.5	29.0	930
2 x 70	33.7	36.5	2030	33 x 1	27.6	30.5	1012
2 x 95	38.8	42.0	2788	37 x 1	28.6	31.5	1099
2 x 120	42.2	45.5	3382				
2 x 1+E	10.7	12.0	157	5 x 1.5	13.5	15.0	257
2 x 1.5+E	11.6	13.0	187	7 x 1.5	15.3	17.0	359
2 x 2.5+E	12.7	14.0	235	10 x 1.5	19.1	21.0	493
2 x 4+E	14.7	16.0	341	12 x 1.5	19.9	22.0	558
2 x 6+E	15.7	17.5	420	14 x 1.5	20.8	23.0	618
2 x 10+E	18.7	20.5	611	16 x 1.5	21.8	24.0	681
2 x 16+E	21.1	23.5	840	19 x 1.5	23.1	25.5	778
3 x 25+E	26.1	28.5	1123	24 x 1.5	26.9	29.5	967
3 x 35+E	29.9	32.5	1502	27 x 1.5	27.6	30.5	1059
3 x 50+E	32.3	35.0	1808	30 x 1.5	28.6	31.5	1144
3 x 70+E	38.1	41.0	2571	33 x 1.5	29.6	32.5	1231
3 x 95+E	43.0	46.5	3380	37 x 1.5	30.9	34.0	1357
3 x 120+E	47.6	51.5	4244				
3 x 1	10.7	12.0	157	5 x 2.5	15.6	17.0	375
3 x 1.5	11.6	13.0	187	7 x 2.5	17.0	18.5	472
3 x 2.5	12.7	14.0	235	10 x 2.5	21.3	23.0	651
3 x 4	14.7	16.0	341	12 x 2.5	22.2	24.0	743
3 x 6	15.7	17.5	420	14 x 2.5	23.2	25.0	829
3 x 10	18.7	20.5	611	16 x 2.5	24.4	26.5	918
3 x 16	21.1	23.5	840	19 x 2.5	25.8	28.0	1055
3 x 25	24.5	27.0	1199	24 x 2.5	30.3	32.5	1328
3 x 35	28.2	30.5	1590	27 x 2.5	30.9	33.0	1443
3 x 50	31.0	33.5	2030	30 x 2.5	32.0	34.5	1567
3 x 70	36.6	39.5	2907	33 x 2.5	33.4	36.0	1709
3 x 95	40.6	43.5	3865	37 x 2.5	34.6	37.0	1870
3 x 120	45.2	48.5	4717				
3 x 150	48.9	52.5	5644				
3 x 185	54.0	58.0	6976				

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.