

# 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。

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 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

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	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**

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- 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

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 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	90系列	标称 Nom.	最大 Max.	85系列	95系列
			kg/km			kg/km	kg/km			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.

# CEPJ/NC Series,CEPF/NC Series

0.6/1kV

乙丙橡胶绝缘低烟无卤电力电缆

EPR insulated halogen-free low-smoke shipboard power cable

图例 Example:

CEPF86/NC  
3X120



型号: CEPJ/NC  
Type: CEPJ80/NC  
CEPJ90/NC  
CEPJ85/NC  
CEPJ95/NC  
CEPF/NC  
CEPF80/NC  
CEPF90/NC  
CEPF86/NC  
CEPF96/NC

## 用途 Application

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IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke

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内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
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铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braided (TCWB)
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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

**CEV/NA Series, CEF/NA Series**

**0.6/1kV**

乙丙橡胶绝缘电力电缆

EPR insulated shipboard power cable

图例 **Example:**

**CEF92/NA  
3X120**



型号: **CEV/NA**  
**Type:** **CEV80/NA**  
**CEV90/NA**  
**CEV82/NA**  
**CEV92/NA**  


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**CEF/NA**  
**CEF80/NA**  
**CEF90/NA**  
**CEF82/NA**  
**CEF92/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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**执行标准 Standards applied**

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- 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**

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	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-351
内护套 Inner sheath	F	氯丁橡胶 PCP
	V	聚氯乙烯 PVC
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
	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

CEPJ/NC, CEPF/NC Series

芯数x截面 No. of cores x sectional area	CEPJ/NC, CEPF/NC			CEPJ80/NC, CEPF80/NC CEPJ90/NC, CEPF90/NC				CEPJ85/NC, CEPF86/NC CEPJ95/NC, CEPF96/NC			
	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	6.1	7.0	56	7.1	8.0	96	91	9.1	10.0	137	133
1 x 1.5	6.4	7.4	64	7.4	8.4	106	101	9.4	10.5	149	145
1 x 2.5	6.8	7.8	79	7.8	8.8	124	119	9.8	11.0	169	164
1 x 4	7.4	8.2	101	8.4	9.4	150	145	10.4	11.5	196	190
1 x 6	7.9	8.9	126	8.9	10.0	179	173	10.9	12.0	226	220
1 x 10	9.1	10.5	182	10.1	11.5	244	238	12.1	13.5	295	289
1 x 16	10.1	11.5	251	11.6	13.0	353	342	13.6	15.0	408	397
1 x 25	12.0	13.5	375	13.5	15.0	499	486	15.5	17.0	566	553
1 x 35	13.3	14.5	488	14.8	16.5	628	614	17.0	18.5	694	680
1 x 50	15.1	16.5	646	16.6	18.5	808	792	18.8	20.5	877	861
1 x 70	17.1	19.0	886	18.6	20.5	1077	1058	21.0	23.0	1156	1138
1 x 95	19.6	21.5	1200	21.1	23.0	1426	1406	23.5	25.5	1504	1483
1 x 120	21.2	23.0	1471	22.7	24.5	1724	1702	25.3	27.5	1810	1788
1 x 150	23.4	25.5	1797	24.9	27.0	2084	2060	27.5	29.5	2166	2142
1 x 185	25.8	28.0	2230	27.3	29.5	2558	2531	30.1	32.5	2651	2624
1 x 240	29.1	31.0	2889	30.6	33.0	3277	3247	33.6	36.0	3374	3344
1 x 300	32.1	34.5	3585	34.1	36.5	4123	4079	37.3	40.0	4227	4183
2 x 1	10.2	11.5	108	11.7	13.0	204	193	13.7	15.0	265	254
2 x 1.5	10.8	12.5	124	12.3	14.0	226	214	14.3	16.0	291	279
2 x 2.5	11.8	13.0	160	13.3	15.0	271	259	15.3	17.0	340	327
2 x 4	13.0	14.5	203	14.5	16.0	326	312	16.7	18.0	405	391
2 x 6	14.2	16.0	261	15.7	17.5	397	382	17.9	19.5	480	464
2 x 10	16.2	18.0	366	17.7	19.5	523	506	19.9	22.0	623	606
2 x 16	18.4	20.5	515	19.9	22.0	697	678	22.3	24.5	804	785
2 x 25	22.2	24.5	775	23.7	26.0	1001	978	26.3	28.5	1129	1106
2 x 35	25.0	27.0	1017	26.5	28.5	1278	1252	29.3	31.5	1425	1399
2 x 50	28.4	31.0	1338	29.9	32.5	1642	1613	32.7	35.5	1815	1785
2 x 70	32.2	35.0	1825	34.2	37.0	2276	2232	37.4	40.5	2476	2431
2 x 95	37.2	40.5	2479	39.2	42.5	3017	2965	42.6	46.0	3244	3193
2 x 120	40.6	44.0	3066	42.6	46.0	3672	3616	46.2	50.0	3918	3862
2 x 1+E	10.8	12.5	137	12.3	14.0	239	227	14.3	16.0	304	292
2 x 1.5+E	11.7	13.0	166	13.2	14.5	277	264	15.2	17.0	343	330
2 x 2.5+E	12.5	14.0	210	14.0	15.5	330	316	16.2	18.0	407	394
2 x 4+E	14.0	15.5	277	15.5	17.0	412	397	17.7	19.0	492	477
2 x 6+E	15.1	16.5	352	16.6	18.5	500	484	18.8	20.5	583	567
2 x 10+E	17.5	19.0	513	19.0	21.0	688	670	21.4	23.5	789	770
2 x 16+E	19.8	22.0	727	21.3	23.5	931	911	23.7	26.0	1035	1015
3 x 25+E	25.3	27.5	991	26.8	29.5	1252	1226	29.6	32.5	1203	1177
3 x 35+E	28.9	31.5	1348	30.4	33.0	1656	1626	33.4	36.0	1589	1559
3 x 50+E	32.0	35.0	1668	34.0	37.0	2108	2064	37.2	40.0	2024	1980
3 x 70+E	36.5	39.5	2280	38.5	41.5	2798	2748	41.9	45.0	2684	2634
3 x 95+E	42.0	45.5	3086	44.0	47.5	3704	3647	47.6	51.5	3551	3493
3 x 120+E	46.4	50.0	3906	48.4	52.0	4612	4549	52.2	56.0	4416	4353
3 x 1	10.8	12.5	137	12.3	14.0	239	227	14.3	16.0	304	292
3 x 1.5	11.7	13.0	166	13.2	14.5	277	264	15.2	17.0	343	330
3 x 2.5	12.5	14.0	210	14.0	15.5	330	316	16.2	18.0	407	394
3 x 4	14.0	15.5	277	15.5	17.0	412	397	17.7	19.0	492	477
3 x 6	15.1	16.5	352	16.6	18.5	500	484	18.8	20.5	583	567
3 x 10	17.5	19.0	513	19.0	21.0	688	670	21.4	23.5	789	770
3 x 16	19.8	22.0	727	21.3	23.5	931	911	23.7	26.0	1035	1015
3 x 25	23.7	26.0	1088	25.2	27.5	1342	1317	27.8	30.5	1463	1439
3 x 35	26.7	29.0	1436	28.2	30.5	1732	1704	31.0	33.5	1871	1843
3 x 50	30.6	33.0	1916	32.6	35.5	2354	2312	35.6	38.5	2518	2475
3 x 70	34.7	37.5	2627	36.7	39.5	3145	3097	39.9	43.0	3323	3275
3 x 95	40.0	43.5	3576	42.0	45.5	4199	4144	45.6	49.5	4420	4366
3 x 120	43.9	47.0	4428	45.9	49.5	5135	5075	49.5	53.0	5366	5306
3 x 150	48.4	51.5	5399	50.4	54.0	6203	6137	54.4	58.0	6454	6388
3 x 185	53.6	58.0	6715	55.6	60.0	7641	7568	59.8	64.5	7910	7837

CEPJ/NC, CEPF/NC Series

芯数x截面 No. of cores x sectional area	CEPJ/NC, CEPF/NC			CEPJ80/NC, CEPF80/NC CEPJ90/NC, CEPF90/NC				CEPJ85/NC, CEPF86/NC CEPJ95/NC, CEPF96/NC			
	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	
	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 mm <sup>2</sup>	Nom.	Max.	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	12.0	13.5	169	13.5	15.0	279	267	15.5	17.0	344	332
4 x 1.5	12.8	14.5	199	14.3	16.0	317	304	16.5	18.0	393	380
4 x 2.5	13.9	15.5	262	15.4	17.0	392	378	17.6	19.5	472	458
4 x 4	15.4	17.0	342	16.9	18.5	488	472	19.1	20.5	570	554
4 x 6	16.8	18.5	447	18.3	20.0	610	593	20.7	22.5	705	688
4 x 10	19.4	21.5	655	20.9	23.0	849	829	23.3	25.5	951	931
4 x 16	22.0	24.5	936	23.5	26.0	1165	1143	26.1	28.5	1282	1259
4 x 25	26.3	29.0	1408	27.8	30.5	1696	1669	30.6	33.5	1833	1806
4 x 35	29.7	32.5	1865	31.2	34.0	2203	2173	34.2	37.0	2355	2325
4 x 50	34.0	37.0	2490	36.0	39.0	2989	2943	39.2	42.5	3167	3121
4 x 70	38.7	42.0	3444	40.7	44.0	4042	3989	44.1	47.5	4229	4176
4 x 95	44.7	48.5	4695	46.7	50.5	5420	5359	50.5	54.5	5646	5585
4 x 120	49.0	52.5	5814	51.0	54.5	6641	6575	55.0	59.0	6876	6810
4 x 150	54.0	58.0	7094	56.0	60.0	8039	7966	60.2	64.5	8289	8217
5 x 1	13.1	14.5	208	14.6	16.5	332	318	16.8	18.5	413	399
7 x 1	14.5	16.0	274	16.0	18.0	413	397	18.2	20.0	498	482
10 x 1	18.6	20.5	388	20.1	22.0	566	546	22.5	24.5	681	661
12 x 1	19.4	21.5	453	20.9	23.0	640	620	23.3	25.5	755	735
14 x 1	20.4	22.5	512	21.9	24.0	710	689	24.3	26.5	839	818
16 x 1	21.5	24.0	573	23.0	25.5	783	761	25.6	28.5	918	895
19 x 1	22.9	25.0	670	24.4	27.0	897	873	27.0	29.5	1036	1012
24 x 1	27.0	30.0	845	28.5	31.5	1113	1085	31.3	34.5	1288	1260
27 x 1	27.8	30.5	940	29.3	32.0	1220	1191	32.1	35.0	1393	1365
30 x 1	28.8	31.5	1027	30.3	33.0	1319	1289	33.3	36.0	1510	1480
33 x 1	30.1	33.0	1129	32.1	35.0	1523	1481	35.1	38.0	1722	1680
37 x 1	31.3	34.0	1244	33.3	36.5	1656	1613	36.3	39.5	1860	1817
5 x 1.5	14.1	16.0	252	15.6	17.5	387	371	17.8	19.5	470	455
7 x 1.5	15.4	17.0	325	16.9	18.5	474	457	19.1	21.0	561	545
10 x 1.5	20.0	22.0	470	21.5	23.5	663	642	23.9	26.0	794	773
12 x 1.5	20.7	23.0	540	22.2	24.5	742	721	24.8	27.0	873	851
14 x 1.5	21.7	24.0	623	23.2	25.5	839	816	25.8	28.5	974	951
16 x 1.5	23.1	25.5	697	24.6	27.0	927	902	27.2	29.5	1064	1040
19 x 1.5	24.4	27.0	816	25.9	28.5	1064	1038	28.5	31.5	1221	1195
24 x 1.5	29.0	31.5	1028	30.5	33.5	1322	1292	33.5	36.5	1516	1486
27 x 1.5	29.6	32.5	1130	31.1	34.0	1434	1403	34.1	37.5	1627	1596
30 x 1.5	30.9	34.0	1251	32.9	36.0	1659	1617	35.9	39.0	1860	1818
33 x 1.5	32.1	35.5	1360	34.1	37.5	1787	1742	37.3	41.0	2009	1965
37 x 1.5	33.6	36.5	1517	35.6	39.0	1968	1921	38.8	42.0	2194	2148
5 x 2.5	15.2	17.0	323	16.7	18.5	470	454	18.9	21.0	555	539
7 x 2.5	16.8	18.5	431	18.3	20.0	596	579	20.7	22.5	695	677
10 x 2.5	21.6	24.0	610	23.1	25.5	823	800	25.7	28.5	956	933
12 x 2.5	22.5	25.0	716	24.0	26.5	942	918	26.6	29.0	1075	1051
14 x 2.5	23.7	26.0	816	25.2	27.5	1056	1032	27.8	30.5	1190	1166
16 x 2.5	25.2	27.5	928	26.7	29.0	1186	1160	29.5	32.0	1341	1315
19 x 2.5	26.6	29.0	1075	28.1	30.5	1352	1324	30.9	33.5	1509	1481
24 x 2.5	31.6	34.5	1370	33.6	36.5	1792	1748	36.6	39.5	2011	1967
27 x 2.5	32.3	35.5	1512	34.3	37.5	1948	1904	37.5	41.0	2167	2123
30 x 2.5	33.7	36.5	1674	35.7	39.0	2134	2087	38.9	42.0	2352	2305
33 x 2.5	35.0	38.5	1822	37.0	40.5	2303	2255	40.2	44.0	2525	2477
37 x 2.5	36.6	40.0	2033	38.6	42.0	2542	2491	42.0	45.5	2788	2737

注: a) CEV, CEF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 CEV and CEF 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.

**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

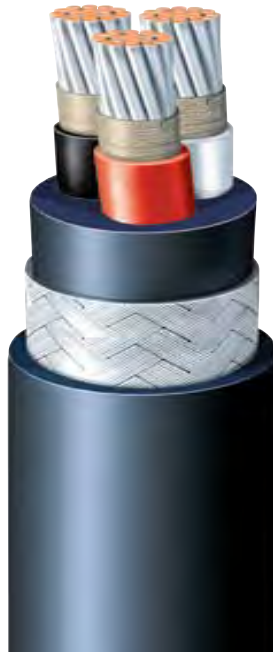
XLPE insulated halogen-free low-smoke shipboard power cable without inner sheath

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.