

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

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 60092-351 – 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	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 ²										
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 ²										
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.