

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

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	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 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

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

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。

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**

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 kg/km		外径 Over diam. mm		约重 Approx. weight kg/km	
	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 ²										
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 ²	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.