

**CEPJ/SC Series, CEPF/SC 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:**

**CEPJ85/SC  
3X120**



型号: **CEPJ/SC**  
 Type: **CEPJ80/SC**  
**CEPJ90/SC**  
**CEPJ85/SC**  
**CEPJ95/SC**  


---

**CEPF/SC**  
**CEPF80/SC**  
**CEPF90/SC**  
**CEPF86/SC**  
**CEPF96/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	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)

**CEV/SA Series, CEF/SA Series**

**0.6/1kV**

乙丙橡胶绝缘电力电缆

EPR insulated shipboard power cable

图例 **Example:**

**CEV82/SA  
3X120**



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


---

**CEF/SA**  
**CEF80/SA**  
**CEF90/SA**  
**CEF82/SA**  
**CEF92/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 Class2 – 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	E	乙丙橡胶 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 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)

CEPJ/SC, CEPF/SC Series

芯数x截面 No. of cores x sectional area	CEPJ/SC, CEPF/SC			CEPJ80/SC, CEPF80/SC CEPJ90/SC, CEPF90/SC				CEPJ85/SC, CEPF86/SC CEPJ95/SC, CEPF96/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	
	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	5.5	6.4	45	6.5	7.4	80	76	8.5	9.6	118	114
1 x 1.5	5.8	6.6	55	6.8	7.8	93	89	8.8	9.8	135	130
1 x 2.5	6.2	7.2	70	7.2	8.2	111	107	9.2	10.5	154	149
1 x 4	6.8	7.6	90	7.8	8.6	135	130	9.8	11.0	180	174
1 x 6	7.3	8.2	115	8.3	9.4	164	159	10.3	11.5	209	204
1 x 10	8.5	9.6	169	9.5	10.5	228	221	11.3	12.5	274	268
1 x 16	9.5	11.0	237	10.5	12.0	304	297	12.5	14.0	355	348
1 x 25	11.4	13.0	358	12.9	14.5	476	464	14.9	16.5	532	519
1 x 35	12.7	14.0	469	14.2	15.5	603	589	16.4	18.0	668	654
1 x 50	14.5	16.0	624	16.0	17.5	780	765	18.2	20.0	848	833
1 x 70	16.3	18.0	862	17.8	20.0	1046	1029	20.0	22.0	1121	1104
1 x 95	18.8	21.0	1164	20.3	22.5	1382	1362	22.7	25.0	1458	1438
1 x 120	20.6	22.5	1441	22.1	24.0	1688	1666	24.7	27.0	1769	1748
1 x 150	22.8	24.5	1764	24.3	26.5	2044	2021	26.9	29.0	2125	2102
1 x 185	25.2	27.5	2194	26.7	29.0	2515	2489	29.5	32.0	2606	2580
1 x 240	28.5	30.5	2848	30.0	32.0	3229	3199	33.0	35.5	3321	3292
1 x 300	31.5	33.5	3540	33.5	36.0	4069	4026	36.5	39.0	4172	4128
2 x 1	9.0	10.5	90	10.0	11.5	147	141	12.0	13.5	203	197
2 x 1.5	9.6	11.0	106	10.6	12.0	167	160	12.6	14.0	224	217
2 x 2.5	10.4	12.0	135	11.9	13.5	234	222	13.9	15.5	296	285
2 x 4	11.8	13.0	181	13.3	14.5	293	281	15.3	16.5	359	346
2 x 6	12.8	14.5	231	14.3	16.0	354	340	16.5	18.0	431	417
2 x 10	15.0	16.5	340	16.5	18.0	486	470	18.7	20.5	570	554
2 x 16	17.2	19.0	486	18.7	20.5	657	639	21.1	23.0	756	738
2 x 25	20.8	23.0	730	22.3	24.5	943	921	24.9	27.0	1063	1041
2 x 35	23.6	25.5	966	25.1	27.0	1213	1188	27.7	30.0	1340	1315
2 x 50	27.0	29.5	1281	28.5	31.0	1571	1543	31.3	34.0	1721	1693
2 x 70	31.0	33.5	1774	33.0	35.5	2210	2167	36.0	39.0	2384	2341
2 x 95	36.0	39.0	2421	38.0	41.0	2943	2893	41.4	45.0	3161	3112
2 x 120	39.4	42.5	2983	41.4	44.5	3569	3515	44.8	48.0	3788	3734
2 x 1+E	9.5	11.0	114	10.5	12.0	175	168	12.5	14.0	232	225
2 x 1.5+E	10.2	11.5	136	11.7	13.0	233	222	13.7	15.0	294	282
2 x 2.5+E	11.2	12.5	183	12.7	14.5	291	279	14.7	16.5	355	343
2 x 4+E	12.5	14.0	242	14.0	15.5	363	350	16.2	17.5	436	423
2 x 6+E	13.6	15.5	320	15.1	17.0	456	441	17.3	19.0	533	518
2 x 10+E	16.0	17.5	468	17.5	19.0	629	612	19.7	21.5	721	704
2 x 16+E	18.3	20.5	677	19.8	22.0	867	847	22.2	24.5	965	945
3 x 25+E	23.7	26.0	933	25.2	27.5	1178	1154	27.8	30.5	1131	1107
3 x 35+E	27.5	30.0	1293	29.0	31.5	1587	1559	31.8	34.5	1523	1494
3 x 50+E	30.6	33.0	1607	32.6	35.5	2028	1986	35.6	38.5	1948	1906
3 x 70+E	34.8	37.5	2196	36.8	39.5	2692	2645	40.0	43.0	2583	2535
3 x 95+E	40.4	44.0	2989	42.4	46.0	3584	3529	46.0	50.0	3434	3379
3 x 120+E	44.7	48.0	3799	46.7	50.0	4482	4421	50.5	54.0	4292	4231
3 x 1	9.5	11.0	114	10.5	12.0	175	168	12.5	14.0	232	225
3 x 1.5	10.2	11.5	136	11.7	13.0	233	222	13.7	15.0	294	282
3 x 2.5	11.2	12.5	183	12.7	14.5	291	279	14.7	16.5	355	343
3 x 4	12.5	14.0	242	14.0	15.5	363	350	16.2	17.5	436	423
3 x 6	13.6	15.5	320	15.1	17.0	456	441	17.3	19.0	533	518
3 x 10	16.0	17.5	468	17.5	19.0	629	612	19.7	21.5	721	704
3 x 16	18.3	20.5	677	19.8	22.0	867	847	22.2	24.5	965	945
3 x 25	22.4	24.5	1039	23.9	26.0	1280	1257	26.5	29.0	1397	1374
3 x 35	25.4	27.5	1381	26.9	29.0	1663	1637	29.7	32.0	1795	1769
3 x 50	29.1	31.5	1838	30.6	33.0	2173	2143	33.6	36.5	2327	2297
3 x 70	33.4	36.0	2555	35.4	38.0	3055	3009	38.6	41.5	3226	3180
3 x 95	38.7	42.0	3493	40.7	44.0	4097	4044	44.1	47.5	4287	4233
3 x 120	42.4	45.5	4317	44.4	47.5	5002	4944	48.0	51.5	5204	5146
3 x 150	47.1	50.5	5299	49.1	52.5	6084	6020	52.9	56.5	6302	6238
3 x 185	52.3	56.0	6605	54.3	58.5	7511	7440	58.5	62.5	7771	7700

CEPJ/SC, CEPF/SC Series

芯数x截面 No. of cores x sectional area	CEPJ/SC, CEPF/SC			CEPJ80/SC, CEPF80/SC CEPJ90/SC, CEPF90/SC				CEPJ85/SC, CEPF86/SC CEPJ95/SC, CEPF96/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	
	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	10.4	12.0	135	11.9	13.5	231	220	13.9	15.5	291	280
4 x 1.5	11.3	13.0	168	12.8	14.5	273	261	14.8	16.5	336	324
4 x 2.5	12.3	14.0	223	13.8	15.5	338	325	15.8	17.5	403	390
4 x 4	13.9	15.0	304	15.4	17.0	436	422	17.6	19.0	512	498
4 x 6	15.1	17.0	398	16.6	18.5	545	529	18.8	20.5	624	608
4 x 10	17.8	19.5	600	19.3	21.0	779	760	21.7	23.5	872	854
4 x 16	20.4	22.5	874	21.9	24.0	1087	1066	24.3	26.5	1183	1162
4 x 25	24.9	27.5	1345	26.4	29.0	1618	1593	29.2	32.0	1749	1723
4 x 35	28.2	30.5	1793	29.7	32.0	2115	2087	32.5	35.0	2243	2214
4 x 50	32.3	35.5	2393	34.3	37.5	2869	2825	37.5	41.0	3040	2996
4 x 70	37.1	40.0	3334	39.1	42.0	3909	3858	42.5	46.0	4090	4039
4 x 95	43.0	47.0	4566	45.0	49.0	5266	5208	48.6	52.5	5459	5401
4 x 120	47.3	51.0	5673	49.3	53.0	6475	6411	53.1	57.0	6674	6610
4 x 150	52.5	56.0	6964	54.5	58.0	7886	7815	58.7	62.5	8123	8052
5 x 1	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
7 x 1	12.5	14.0	220	14.0	15.5	340	327	16.2	18.0	417	404
10 x 1	16.0	18.0	311	17.5	19.5	464	447	19.7	22.0	567	550
12 x 1	16.7	18.5	364	18.2	20.0	525	508	20.6	22.5	628	610
14 x 1	17.6	19.5	412	19.1	21.0	583	564	21.5	23.5	689	670
16 x 1	18.5	20.5	460	20.0	22.0	641	621	22.4	24.5	752	733
19 x 1	19.7	22.0	539	21.2	23.5	733	712	23.6	26.0	847	826
24 x 1	23.2	25.5	680	24.7	27.0	909	885	27.3	30.0	1051	1026
27 x 1	23.7	26.0	746	25.2	27.5	983	958	27.8	30.5	1124	1099
30 x 1	24.8	27.5	827	26.3	29.0	1077	1051	29.1	32.0	1237	1211
33 x 1	25.7	28.5	898	27.2	30.0	1159	1132	30.0	33.0	1321	1294
37 x 1	26.7	29.5	989	28.2	31.0	1262	1235	31.0	34.0	1427	1399
5 x 1.5	12.3	14.0	207	13.8	15.5	325	312	15.8	17.5	400	387
7 x 1.5	13.4	15.0	268	14.9	17.0	398	383	17.1	19.0	477	463
10 x 1.5	17.4	19.5	388	18.9	21.0	556	538	21.3	23.5	663	644
12 x 1.5	18.0	20.0	446	19.5	21.5	622	603	21.9	24.0	728	709
14 x 1.5	18.9	21.0	506	20.4	22.5	692	672	22.8	25.0	801	781
16 x 1.5	20.1	22.5	576	21.6	24.0	775	754	24.0	26.5	901	880
19 x 1.5	21.2	23.5	665	22.7	25.0	878	855	25.3	27.5	1007	985
24 x 1.5	25.2	27.5	850	26.7	29.5	1104	1078	29.5	32.5	1263	1237
27 x 1.5	25.7	28.5	935	27.2	30.0	1197	1171	30.0	33.0	1358	1331
30 x 1.5	26.7	29.5	1024	28.2	31.0	1299	1271	31.0	34.0	1461	1434
33 x 1.5	27.9	30.5	1126	29.4	32.5	1416	1387	32.2	35.0	1579	1551
37 x 1.5	29.0	32.0	1243	30.5	33.5	1547	1518	33.5	36.5	1731	1701
5 x 2.5	13.4	15.0	275	14.9	17.0	405	391	17.1	19.0	485	470
7 x 2.5	14.8	16.5	368	16.3	18.0	514	498	18.5	20.5	596	580
10 x 2.5	19.0	21.0	530	20.5	23.0	720	700	22.9	25.5	828	808
12 x 2.5	19.8	22.0	612	21.3	23.5	811	790	23.7	26.0	921	900
14 x 2.5	20.8	23.0	698	22.3	24.5	909	887	24.9	27.5	1031	1010
16 x 2.5	22.2	24.5	796	23.7	26.0	1023	1000	26.3	29.0	1149	1126
19 x 2.5	23.4	25.5	922	24.9	27.5	1165	1141	27.5	30.0	1295	1270
24 x 2.5	27.8	30.5	1176	29.3	32.0	1467	1439	32.1	35.0	1629	1600
27 x 2.5	28.4	31.0	1298	29.9	32.5	1600	1571	32.7	35.5	1774	1745
30 x 2.5	29.4	32.5	1424	30.9	34.0	1741	1710	33.9	37.0	1919	1888
33 x 2.5	30.8	33.5	1566	32.8	36.0	1989	1946	35.8	39.0	2174	2131
37 x 2.5	32.0	35.0	1733	34.0	37.5	2177	2133	37.2	40.5	2382	2337

注: a) CEV, CEF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 CEV and CEF 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.