

CEPJR/SC Series, CEPFR/SC Series

0.6/1kV

乙丙橡胶绝缘电力软电缆

EPR insulated shipboard power flexible cable

图例 **Example:**

**CEPFR/SC
4X70**



型号: **CEPJR/SC**
 Type: **CEPJR80/SC**
CEPJR90/SC
CEPJR85/SC
CEPJR95/SC

CEPFR/SC
CEPFR80/SC
CEPFR90/SC
CEPFR86/SC
CEPFR96/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	E	乙丙橡胶 EPR, 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)

CEFR/SA Series,CEVR/SA Series

0.6/1kV

乙丙橡胶绝缘电力软电缆

EPR insulated shipboard power flexible cable

图例 **Example:**

**CEFR/SA
3X120**



型号: **CEVR/SA**
Type: **CEVR80/SA**
CEVR90/SA
CEVR82/SA
CEVR92/SA

CEFR/SA
CEFR80/SA
CEFR90/SA
CEFR82/SA
CEFR92/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

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**

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	E	乙丙橡胶 EPR, IEC 60092-351
成缆 Laying up		线芯绞合成缆 Cores are laid up together
护套 Inner sheath	F	氯丁橡胶 PCP
	V	聚氯乙烯 PVC
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
	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)

CEPJR/SC, CEPFR/SC Series

芯数x截面 No. of cores x sectional area	CEPJR/SC, CEPFR/SC			CEPJR80/SC, CEPFR80/SC CEPJR90/SC, CEPFR90/SC				CEPJR85/SC, CEPFR86/SC CEPJR95/SC, CEPFR96/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 ²										
1 x 1	5.7	6.6	45	6.8	7.6	80	76	8.9	9.8	114	110
1 x 1.5	6.2	7.2	55	7.3	8.2	93	89	9.4	10.5	130	125
1 x 2.5	6.7	7.6	70	7.8	8.6	112	107	9.9	11.0	149	144
1 x 4	7.2	8.0	90	8.3	9.2	135	130	10.4	11.5	174	169
1 x 6	8.2	9.4	120	9.3	10.5	172	167	11.4	12.5	214	209
1 x 10	9.2	10.5	177	10.3	11.5	238	231	12.4	13.5	282	275
1 x 16	10.2	11.5	240	11.8	13.0	339	328	13.9	15.0	387	376
1 x 25	12.2	13.5	358	13.8	15.0	479	467	15.9	17.5	530	517
1 x 35	13.5	15.0	472	15.1	16.5	609	595	17.4	19.0	668	654
1 x 50	15.7	17.5	660	17.3	19.0	825	808	19.6	21.0	885	869
1 x 70	18.7	20.5	910	20.3	22.0	1111	1092	22.8	24.5	1186	1167
1 x 95	22.4	24.5	1212	24.0	26.0	1458	1435	26.7	28.5	1551	1528
1 x 120	23.8	26.0	1489	25.4	27.5	1761	1736	28.1	30.0	1847	1823
1 x 150	25.6	27.5	1826	27.2	29.5	2129	2103	30.1	32.5	2223	2197
1 x 185	28.3	30.5	2225	29.9	32.0	2570	2541	32.8	35.0	2661	2632
1 x 240	31.9	34.5	2891	34.0	36.5	3388	3344	37.3	40.0	3507	3463
1 x 300	35.2	38.0	3575	37.3	40.0	4141	4094	40.6	43.5	4251	4203
2 x 1	9.4	10.5	90	10.5	12.0	147	141	12.6	14.0	196	190
2 x 1.5	10.0	11.5	106	11.1	12.5	167	160	13.2	14.5	218	211
2 x 2.5	11.0	12.0	135	12.6	14.0	235	224	14.7	16.0	292	280
2 x 4	12.2	13.5	181	13.8	15.0	293	281	15.9	17.0	353	341
2 x 6	14.4	16.0	249	16.0	18.0	383	368	18.3	20.0	457	442
2 x 10	16.0	18.0	357	17.6	19.5	509	492	19.9	22.0	587	570
2 x 16	18.2	20.0	492	19.8	22.0	668	650	22.3	24.5	761	742
2 x 25	22.0	24.5	730	23.6	26.0	949	926	26.3	28.5	1063	1040
2 x 35	25.0	27.5	984	26.6	29.0	1240	1214	29.5	32.0	1372	1346
2 x 50	29.2	31.5	1367	30.8	33.5	1676	1646	33.9	36.5	1832	1802
2 x 70	35.2	38.0	1895	37.3	40.5	2377	2330	40.6	43.5	2571	2523
2 x 95	42.4	45.5	2533	44.5	47.5	3125	3067	48.2	51.5	3384	3326
2 x 120	45.4	48.5	3115	47.5	51.0	3768	3707	51.4	55.0	4047	3985
2 x 1+E	9.9	11.5	114	11.0	12.5	175	168	13.1	14.5	225	218
2 x 1.5+E	10.6	12.0	136	12.2	13.5	233	222	14.3	15.5	288	277
2 x 2.5+E	11.9	13.0	182	13.5	14.5	292	280	15.6	17.0	351	338
2 x 4+E	12.9	14.0	241	14.5	16.0	362	349	16.8	18.0	430	416
2 x 6+E	15.3	17.0	334	16.9	18.5	479	463	19.2	21.0	555	539
2 x 10+E	17.2	19.0	500	18.8	21.0	669	651	21.3	23.5	755	738
2 x 16+E	19.6	21.5	694	21.2	23.0	892	872	23.7	25.5	982	961
3 x 25+E	25.1	27.5	1042	26.7	29.0	1302	1276	29.6	32.0	1432	1406
3 x 35+E	28.7	31.0	1280	30.3	33.0	1570	1542	33.4	35.5	1704	1676
3 x 50+E	32.5	35.5	1630	34.6	37.5	2070	2026	37.9	40.5	2257	2213
3 x 70+E	39.0	42.0	2290	41.1	44.5	2833	2780	44.6	47.5	3055	3002
3 x 95+E	46.8	50.5	3184	48.9	52.5	3856	3792	52.8	56.0	4143	4080
3 x 120+E	51.2	54.5	3986	53.3	56.5	4745	4676	57.4	60.5	5058	4989
3 x 1	9.9	11.5	114	11.0	12.5	175	168	13.1	14.5	225	218
3 x 1.5	10.6	12.0	136	12.2	13.5	233	222	14.3	15.5	288	277
3 x 2.5	11.9	13.0	182	13.5	14.5	292	280	15.6	17.0	351	338
3 x 4	12.9	14.0	241	14.5	16.0	362	349	16.8	18.0	430	416
3 x 6	15.3	17.0	334	16.9	18.5	479	463	19.2	21.0	555	539
3 x 10	17.2	19.0	500	18.8	21.0	669	651	21.3	23.5	755	738
3 x 16	19.6	21.5	694	21.2	23.0	892	872	23.7	25.5	982	961
3 x 25	23.7	26.0	1037	25.3	27.5	1285	1261	28.0	30.5	1394	1370
3 x 35	26.7	29.0	1388	28.3	30.5	1678	1651	31.2	33.5	1801	1774
3 x 50	31.4	34.0	1957	33.5	36.0	2402	2359	36.6	39.5	2547	2504
3 x 70	37.8	41.0	2716	39.9	43.0	3268	3216	43.4	46.5	3459	3407
3 x 95	45.6	49.0	3623	47.7	51.0	4304	4242	51.6	55.0	4559	4497
3 x 120	48.8	52.5	4475	50.9	54.5	5233	5167	55.0	59.0	5499	5432
3 x 150	52.7	56.5	5502	54.8	58.5	6353	6282	59.1	63.0	6631	6560
3 x 185	58.5	62.5	6717	60.6	64.5	7692	7613	65.1	69.0	7995	7916

CEPJR/SC, CEPFR/SC Series

芯数x截面 No. of cores x sectional area	CEPJR/SC, CEPFR/SC			CEPJR80/SC, CEPFR80/SC CEPJR90/SC, CEPFR90/SC				CEPJR85/SC, CEPFR86/SC CEPJR95/SC, CEPFR96/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 ²										
4 x 1	10.8	12.0	140	12.4	14.0	239	228	14.5	16.0	294	283
4 x 1.5	11.7	13.0	173	13.3	15.0	281	269	15.4	17.0	339	327
4 x 2.5	12.9	14.0	227	14.5	16.0	347	334	16.8	18.0	416	402
4 x 4	14.3	15.5	311	15.9	17.0	447	432	18.2	19.5	518	503
4 x 6	17.0	19.0	432	18.6	20.5	596	578	21.1	23.0	685	667
4 x 10	18.9	21.0	641	20.5	23.0	831	811	23.0	25.5	919	900
4 x 16	21.5	24.0	893	23.1	25.5	1116	1094	25.8	28.0	1218	1196
4 x 25	25.3	27.5	1311	26.9	29.5	1586	1560	29.8	32.5	1704	1678
4 x 35	29.6	32.5	1816	31.2	34.0	2151	2121	34.3	37.0	2287	2256
4 x 50	33.9	37.0	2505	36.0	39.0	3004	2958	39.3	42.0	3158	3111
4 x 70	42.2	45.5	3576	44.3	47.5	4218	4161	48.0	51.5	4423	4366
4 x 95	49.8	53.5	4680	51.9	55.5	5459	5392	56.0	60.0	5724	5656
4 x 120	54.4	58.5	5889	56.5	60.5	6778	6704	60.8	65.0	7053	6979
4 x 150	57.7	62.0	7147	59.8	64.0	8134	8057	64.3	68.5	8408	8330
5 x 1	11.9	13.5	171	13.5	15.0	281	268	15.6	17.0	340	327
7 x 1	12.9	14.5	219	14.5	16.0	339	326	16.8	18.5	408	394
10 x 1	16.4	18.5	310	18.0	20.0	463	446	20.5	22.5	554	537
12 x 1	17.1	19.0	363	18.7	20.5	524	506	21.2	23.0	616	599
14 x 1	18.0	20.0	411	19.6	21.5	582	563	22.1	24.0	677	658
16 x 1	18.9	21.0	459	20.5	23.0	639	620	23.0	25.5	737	717
19 x 1	20.1	22.5	537	21.7	24.0	731	710	24.2	26.5	832	811
24 x 1	23.6	26.0	677	25.2	27.5	906	882	27.9	30.5	1032	1008
27 x 1	24.1	26.5	743	25.7	28.0	980	955	28.4	31.0	1105	1081
30 x 1	25.2	27.5	824	26.8	29.5	1074	1048	29.7	32.5	1215	1190
33 x 1	26.1	29.0	894	27.7	30.5	1154	1128	30.6	33.5	1298	1272
37 x 1	27.1	30.0	985	28.7	31.5	1258	1230	31.6	34.5	1404	1377
5 x 1.5	12.7	14.5	206	14.3	16.0	324	310	16.6	18.0	393	379
7 x 1.5	13.8	15.5	267	15.4	17.0	397	382	17.7	19.5	467	453
10 x 1.5	17.8	20.0	386	19.4	21.5	554	536	21.9	24.0	650	631
12 x 1.5	18.4	20.5	444	20.0	22.0	620	601	22.5	24.5	715	696
14 x 1.5	19.3	21.5	504	20.9	23.0	690	670	23.4	25.5	787	768
16 x 1.5	20.5	22.5	574	22.1	24.5	773	752	24.8	27.0	885	864
19 x 1.5	21.6	24.0	662	23.2	25.5	874	852	25.9	28.5	989	967
24 x 1.5	25.6	28.0	847	27.2	29.5	1101	1075	30.1	32.5	1244	1218
27 x 1.5	26.1	29.0	931	27.7	30.5	1193	1167	30.6	33.5	1335	1309
30 x 1.5	27.1	30.0	1020	28.7	31.5	1295	1267	31.6	34.5	1439	1411
33 x 1.5	28.3	31.0	1121	29.9	32.5	1410	1382	32.8	35.5	1558	1529
37 x 1.5	29.4	32.5	1238	31.0	34.0	1542	1512	34.1	37.0	1706	1676
5 x 2.5	14.3	15.5	279	15.9	17.0	413	398	18.2	19.5	486	472
7 x 2.5	15.5	17.0	364	17.1	18.5	512	496	19.4	21.0	587	571
10 x 2.5	20.0	21.5	525	21.6	23.0	718	697	24.1	25.5	818	797
12 x 2.5	20.7	22.5	606	22.3	24.0	808	787	25.0	26.5	920	899
14 x 2.5	21.7	23.5	690	23.3	25.0	905	882	26.0	27.5	1018	996
16 x 2.5	23.1	25.0	786	24.7	26.5	1017	993	27.4	29.0	1134	1111
19 x 2.5	24.3	26.0	910	25.9	27.5	1157	1132	28.6	30.5	1275	1250
24 x 2.5	28.8	31.0	1161	30.4	32.5	1457	1427	33.5	35.5	1620	1591
27 x 2.5	29.4	31.5	1280	31.0	33.0	1586	1556	34.1	36.0	1749	1719
30 x 2.5	30.7	33.0	1419	32.8	35.0	1829	1787	35.9	38.0	1996	1954
33 x 2.5	31.9	34.0	1544	34.0	36.0	1973	1930	37.3	39.5	2160	2117
37 x 2.5	33.3	35.5	1723	35.4	37.5	2176	2131	38.7	41.0	2365	2319

注: a) CEVR, CEFR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 CEVR and CEFR 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.