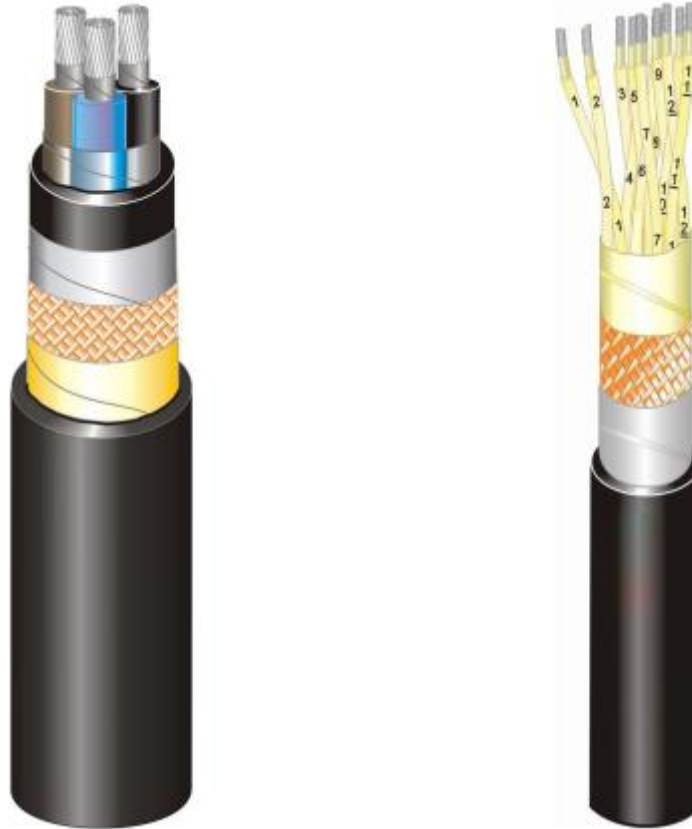




XLPE Insulated Shipboard Control Cable



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CKJPJ/SC Series,CKJPF/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

**CKJPJ85/SC
19X2.5**

型号: **CKJPJ/SC**
 Type: **CKJPJ80/SC**
CKJPJ90/SC
CKJPJ85/SC
CKJPJ95/SC

CKJPF/SC
CKJPF80/SC
CKJPF90/SC
CKJPF86/SC
CKJPF96/SC

用途 Application

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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	交联聚乙烯 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 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)

CKJPJ/SC, CKJPF/SC

(CKJV/SA Series参照使用)

芯数x截面 No. of cores x sectional area	CKJPJ/SC, CKJPF/SC			CKJPJ80/SC, CKJPF80/SC CKJPJ90/SC, CKJPF90/SC				CKJPJ85/SC, CKJPF86/SC CKJPJ95/SC, CKJPF96/SC			
	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										
2 x 0.75	7.0	8.0	54	8.0	9.2	97	92	10.0	11.5	135	130
3 x 0.75	7.4	8.4	67	8.4	9.6	112	107	10.4	12.0	153	148
4 x 0.75	8.0	9.4	81	9.0	10.5	130	125	11.1	13.0	174	169
5 x 0.75	8.9	10.5	100	9.9	11.5	155	149	12.0	13.5	203	197
7 x 0.75	9.6	11.0	126	10.6	12.0	186	179	12.5	14.0	231	225
10 x 0.75	12.2	14.0	179	13.7	15.5	291	279	15.8	17.5	353	340
12 x 0.75	12.6	14.5	203	14.1	16.0	320	307	16.2	18.0	384	370
14 x 0.75	13.2	15.0	229	14.7	16.5	352	338	16.8	18.5	418	404
16 x 0.75	14.1	16.0	262	15.6	17.5	394	379	17.8	20.0	465	450
19 x 0.75	14.8	16.5	300	16.3	18.5	439	424	18.5	20.5	513	498
24 x 0.75	17.4	19.5	379	18.9	21.0	543	525	21.2	23.5	633	615
27 x 0.75	17.8	20.0	415	19.3	21.5	584	566	21.7	24.0	675	657
30 x 0.75	18.4	20.5	452	19.9	22.0	628	609	22.3	24.5	722	703
33 x 0.75	19.3	21.5	499	20.8	23.0	685	665	23.2	26.0	783	763
37 x 0.75	20.0	22.5	548	21.5	24.0	742	721	24.0	26.5	844	824
2 x 1	7.6	8.6	66	8.6	9.8	115	109	10.6	12.0	165	159
3 x 1	8.0	9.2	83	9.0	10.5	135	129	11.1	12.5	186	180
4 x 1	8.9	10.5	106	9.9	11.5	164	157	12.0	13.5	218	211
5 x 1	9.7	11.0	125	10.7	12.0	218	207	12.7	14.5	276	265
7 x 1	10.5	12.0	158	12.0	13.5	259	247	14.0	15.5	321	309
10 x 1	13.4	15.5	224	14.9	17.0	352	337	17.1	19.0	434	420
12 x 1	14.0	16.0	262	15.5	17.5	396	381	17.7	19.5	479	464
14 x 1	14.7	16.5	296	16.2	18.0	438	422	18.4	20.5	524	508
16 x 1	15.5	17.5	330	17.0	19.0	480	463	19.2	21.5	569	553
19 x 1	16.3	18.5	386	17.8	20.0	547	529	20.0	22.5	649	631
24 x 1	19.4	21.5	487	20.9	23.0	676	656	23.3	25.5	790	769
27 x 1	19.8	22.0	534	21.3	23.5	729	708	23.7	26.0	842	821
30 x 1	20.5	23.0	582	22.0	24.5	785	763	24.6	27.0	913	892
33 x 1	21.3	24.0	632	22.8	25.5	844	821	25.4	28.5	975	953
37 x 1	22.3	25.0	706	23.8	26.5	930	906	26.4	29.0	1063	1040
2 x 1.5	8.2	9.6	84	9.2	10.5	138	132	11.2	13.0	189	183
3 x 1.5	8.9	10.0	107	9.9	11.5	165	158	12.0	13.5	219	213
4 x 1.5	9.7	11.0	131	10.7	12.0	224	213	12.7	14.0	283	272
5 x 1.5	10.5	12.0	156	12.0	13.5	257	245	14.0	15.5	318	307
7 x 1.5	11.6	13.0	206	13.1	14.5	318	305	15.1	17.0	382	369
10 x 1.5	14.8	16.5	292	16.3	18.0	434	418	18.5	20.5	520	504
12 x 1.5	15.3	17.0	334	16.8	18.5	482	466	19.0	21.0	569	553
14 x 1.5	16.0	18.0	378	17.5	20.0	534	517	19.7	22.0	634	617
16 x 1.5	17.1	19.0	432	18.6	20.5	600	582	21.0	23.0	702	683
19 x 1.5	18.0	20.0	497	19.5	21.5	675	656	21.9	24.0	780	761
24 x 1.5	21.2	24.0	628	22.7	25.5	839	817	25.3	28.0	970	948
27 x 1.5	21.7	24.5	701	23.2	26.0	921	898	25.8	28.5	1052	1029
30 x 1.5	22.6	25.0	765	24.1	26.5	994	970	26.7	29.5	1128	1105
33 x 1.5	23.5	26.0	832	25.0	27.5	1072	1047	27.6	30.5	1208	1183
37 x 1.5	24.4	27.0	929	25.9	29.0	1182	1157	28.5	31.5	1333	1308
2 x 2.5	9.4	10.5	113	10.4	11.5	174	167	12.4	13.5	228	221
3 x 2.5	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
4 x 2.5	10.9	13.0	190	12.4	13.5	297	285	14.4	16.0	359	347
5 x 2.5	12.1	13.5	227	13.6	15.0	344	331	15.6	17.0	416	403
7 x 2.5	13.1	14.5	296	14.6	16.0	425	411	16.8	18.5	498	484
10 x 2.5	17.0	18.5	427	18.5	20.0	594	576	20.9	22.5	694	676
12 x 2.5	17.6	19.0	494	19.1	20.5	669	650	21.5	23.0	768	749
14 x 2.5	18.4	20.0	562	19.9	21.5	747	727	22.3	24.0	848	828
16 x 2.5	19.7	21.5	641	21.2	23.0	840	820	23.6	25.5	946	925
19 x 2.5	20.7	22.5	742	22.2	24.0	954	933	24.8	26.5	1072	1050
24 x 2.5	24.4	26.5	948	25.9	28.0	1202	1177	28.5	30.5	1349	1323
27 x 2.5	25.1	27.0	1045	26.6	28.5	1308	1282	29.4	31.5	1453	1427
30 x 2.5	26.0	28.0	1146	27.5	29.5	1421	1394	30.3	32.5	1568	1541
33 x 2.5	27.1	29.0	1261	28.6	30.5	1553	1524	31.4	33.5	1704	1675
37 x 2.5	28.3	30.5	1394	29.8	32.0	1700	1671	32.6	35.0	1867	1837

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.

CKJJP/SC Series,CKJPFP/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable图例 **Example:****CKJPFP86/SC
19X2.5**

型号: **CKJJP/SC**
 Type: **CKJJP80/SC**
CKJJP90/SC
CKJJP85/SC
CKJJP95/SC
CKJPFP/SC
CKJPFP80/SC
CKJPFP90/SC
CKJPFP86/SC
CKJPFP96/SC

用途 Application

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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	交联聚乙烯 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)
单芯屏蔽 Individual screen	P	镀锡铜丝编织 Tinned copper wire braided
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)

CKJJP/SC, CKJFP/SC

(CKJVP/SA Series参照使用)

芯数x截面 No. of cores x sectional area	CKJJP/SC, CKJFP/SC			CKJJP80/SC, CKJFP80/SC CKJJP90/SC, CKJFP90/SC				CKJJP85/SC, CKJFP86/SC CKJJP95/SC, CKJFP96/SC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	No. x mm ²	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
2 x 0.75	9.2	10.0	93	10.3	11.0	149	143	12.3	13.0	195	189
3 x 0.75	9.7	10.5	119	10.8	11.5	179	173	12.8	13.5	226	219
4 x 0.75	10.5	11.5	146	12.1	13.0	243	232	14.2	15.0	296	285
5 x 0.75	11.6	12.5	179	13.2	14.5	286	274	15.4	16.5	345	333
7 x 0.75	12.6	14.0	230	14.2	15.5	348	335	16.4	17.5	411	398
10 x 0.75	16.0	17.5	325	17.6	19.0	475	459	20.0	21.5	558	541
12 x 0.75	16.5	18.0	373	18.1	20.0	530	513	20.5	22.0	613	596
14 x 0.75	17.5	19.0	431	19.1	20.5	599	581	21.5	23.0	687	669
16 x 0.75	18.4	20.0	482	20.0	21.5	660	641	22.5	24.0	753	734
19 x 0.75	19.6	21.5	564	21.2	23.0	755	735	23.8	25.5	855	835
24 x 0.75	23.0	25.0	711	24.6	26.5	937	914	27.3	29.5	1059	1035
27 x 0.75	23.5	25.5	782	25.1	27.0	1016	992	27.8	30.0	1138	1114
30 x 0.75	24.3	26.5	855	25.9	28.5	1099	1074	28.7	31.0	1225	1200
33 x 0.75	25.4	27.5	940	27.0	29.0	1197	1171	29.8	32.0	1330	1304
37 x 0.75	26.4	28.5	1037	28.0	30.5	1307	1280	30.9	33.0	1445	1418
2 x 1	9.8	10.5	107	10.9	11.5	167	160	12.9	13.5	215	208
3 x 1	10.4	11.0	138	12.0	12.5	234	223	14.1	15.0	287	276
4 x 1	11.5	12.0	175	13.1	13.5	281	269	15.2	16.0	340	328
5 x 1	12.5	13.5	209	14.1	15.0	325	312	16.3	17.0	389	375
7 x 1	13.5	14.5	269	15.1	16.0	396	382	17.3	18.0	464	450
10 x 1	17.4	18.5	390	19.0	20.0	555	537	21.4	22.5	644	626
12 x 1	18.0	19.0	448	19.6	20.5	621	602	22.1	23.0	713	694
14 x 1	18.8	20.0	508	20.4	21.5	690	671	22.9	24.0	785	766
16 x 1	20.1	21.5	579	21.7	23.0	775	754	24.3	25.5	878	857
19 x 1	21.1	22.5	668	22.7	24.0	877	855	25.3	26.5	983	961
24 x 1	25.0	26.5	853	26.6	28.0	1102	1077	29.4	30.5	1236	1211
27 x 1	25.5	27.0	938	27.1	28.5	1196	1170	29.9	31.5	1330	1304
30 x 1	26.4	28.0	1027	28.0	29.5	1296	1269	30.9	32.5	1435	1408
33 x 1	27.7	29.0	1130	29.3	30.5	1415	1387	32.3	33.5	1562	1534
37 x 1	28.7	30.5	1247	30.3	32.0	1546	1517	33.3	35.0	1697	1668
2 x 1.5	10.4	11.0	123	12.0	12.5	218	207	14.1	15.0	272	262
3 x 1.5	11.0	12.0	160	12.6	13.5	262	250	14.7	15.5	318	306
4 x 1.5	12.2	13.0	206	13.8	14.5	320	307	16.0	17.0	381	368
5 x 1.5	13.3	14.0	246	14.9	16.0	371	357	17.1	18.0	437	424
7 x 1.5	14.6	15.5	327	16.2	17.0	466	451	18.5	19.5	538	523
10 x 1.5	18.6	20.0	462	20.2	21.5	640	621	22.7	24.0	737	718
12 x 1.5	19.2	20.5	533	20.8	22.0	720	700	23.3	24.5	817	797
14 x 1.5	20.4	21.5	617	22.0	23.0	817	797	24.6	26.0	921	900
16 x 1.5	21.5	23.0	692	23.1	24.5	905	883	25.7	27.0	1014	992
19 x 1.5	22.8	24.0	811	24.4	25.5	1041	1017	27.1	28.5	1156	1132
24 x 1.5	26.8	28.5	1022	28.4	30.0	1294	1267	31.3	33.0	1437	1410
27 x 1.5	27.4	29.0	1127	29.0	30.5	1410	1382	31.9	33.5	1553	1525
30 x 1.5	28.6	30.5	1249	30.2	32.0	1547	1518	33.2	35.0	1697	1668
33 x 1.5	29.7	31.5	1359	31.3	33.0	1672	1641	34.4	36.0	1828	1798
37 x 1.5	31.0	33.0	1516	33.1	35.0	1934	1892	36.2	38.0	2102	2060
2 x 2.5	11.2	13.0	155	12.8	14.0	258	246	14.9	16.0	315	303
3 x 2.5	12.1	13.0	211	13.7	14.5	324	311	15.9	17.0	385	372
4 x 2.5	13.2	14.5	265	14.8	16.0	390	376	17.0	18.0	455	441
5 x 2.5	14.5	16.0	325	16.1	17.5	463	448	18.4	19.5	535	520
7 x 2.5	15.8	17.0	427	17.4	18.5	581	564	19.8	21.0	657	641
10 x 2.5	20.4	22.0	615	22.0	23.5	815	794	24.6	26.5	919	898
12 x 2.5	21.1	23.0	714	22.7	24.5	925	903	25.3	27.0	1029	1007
14 x 2.5	22.3	24.0	825	23.9	25.5	1051	1028	26.6	28.5	1161	1138
16 x 2.5	23.5	25.5	928	25.1	27.0	1169	1145	27.8	30.0	1284	1260
19 x 2.5	25.0	27.0	1089	26.6	28.5	1350	1325	29.4	31.5	1472	1446
24 x 2.5	29.4	31.5	1373	31.0	33.5	1684	1654	34.0	36.5	1836	1806
27 x 2.5	30.0	32.5	1517	31.6	34.0	1840	1809	34.7	37.5	1992	1961
30 x 2.5	31.3	34.0	1681	33.4	36.0	2111	2068	36.6	39.0	2274	2231
33 x 2.5	32.5	35.5	1832	34.6	37.5	2282	2238	37.8	40.5	2451	2407
37 x 2.5	34.0	36.5	2045	36.1	39.0	2522	2476	39.4	42.0	2699	2653

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CKJ85/SC, CKJ86/SC Series

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 **Example:**

CKJ85/SC
19X2.5



型号: CKJ85/SC
Type: CKJ86/SC

用途 Application

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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	交联聚乙烯 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	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJ85/SC, CKJ86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2 x 0.75	8.3	9.4	93	2 x 1.5	9.4	10.5	133
3 x 0.75	8.7	9.8	109	3 x 1.5	9.9	11.5	159
4 x 0.75	9.4	11.0	128	4 x 1.5	10.7	12.0	193
5 x 0.75	10.1	11.5	148	5 x 1.5	11.7	13.0	223
7 x 0.75	10.9	12.5	180	7 x 1.5	12.6	14.0	274
10 x 0.75	13.5	15.0	248	10 x 1.5	16.3	18.0	426
12 x 0.75	14.4	16.0	310	12 x 1.5	17.0	19.0	473
14 x 0.75	15.1	17.0	343	14 x 1.5	17.7	20.0	524
16 x 0.75	15.8	18.0	377	16 x 1.5	18.6	20.5	578
19 x 0.75	16.6	18.5	423	19 x 1.5	19.7	22.0	661
24 x 0.75	19.2	21.5	524	24 x 1.5	22.9	25.5	821
27 x 0.75	19.6	22.0	565	27 x 1.5	23.4	26.0	888
30 x 0.75	20.3	22.5	610	30 x 1.5	24.1	26.5	959
33 x 0.75	21.0	23.5	656	33 x 1.5	25.2	28.0	1046
37 x 0.75	21.8	24.5	715	37 x 1.5	26.1	29.0	1140
2 x 1	8.8	10.0	116	2 x 2.5	10.4	11.5	167
3 x 1	9.2	10.5	135	3 x 2.5	11.2	12.5	210
4 x 1	9.9	11.5	158	4 x 2.5	12.1	13.5	252
5 x 1	10.7	12.0	187	5 x 2.5	13.1	14.5	296
7 x 1	11.7	13.0	226	7 x 2.5	14.8	16.0	413
10 x 1	15.1	17.0	347	10 x 2.5	18.5	20.0	569
12 x 1	15.5	17.5	381	12 x 2.5	19.3	21.0	650
14 x 1	16.2	18.0	429	14 x 2.5	20.1	22.0	725
16 x 1	17.2	19.0	472	16 x 2.5	21.2	23.0	805
19 x 1	18.0	20.0	527	19 x 2.5	22.4	24.0	926
24 x 1	20.9	23.0	654	24 x 2.5	26.1	28.0	1153
27 x 1	21.3	23.5	703	27 x 2.5	26.6	28.5	1255
30 x 1	22.2	24.5	769	30 x 2.5	27.7	29.5	1377
33 x 1	23.0	25.5	827	33 x 2.5	28.8	31.0	1489
37 x 1	23.8	26.5	897	37 x 2.5	29.8	32.0	1646

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.

CKJP85/SC Series,CKJP86/SC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable图例 **Example:**型号: **CKJP85/SC**Type: **CKJP86/SC****CKJP86/SC****19X2.5****用途 Application**

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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	交联聚乙烯 XLPE, IEC 60092-351
单芯屏蔽 Individual screen	P	镀锡铜丝编织 Tinned copper wire braided
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	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJP85/SC, CKJP86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2 x 0.75	10.1	11.5	137	2 x 1.5	11.4	12.5	176
3 x 0.75	10.6	12.0	166	3 x 1.5	12.1	13.0	218
4 x 0.75	11.5	13.0	199	4 x 1.5	13.1	14.5	266
5 x 0.75	12.5	14.0	234	5 x 1.5	14.9	16.0	351
7 x 0.75	13.6	15.0	293	7 x 1.5	16.0	17.5	437
10 x 0.75	17.6	19.5	452	10 x 1.5	20.2	21.5	610
12 x 0.75	18.1	20.0	505	12 x 1.5	20.8	22.5	688
14 x 0.75	19.0	21.0	565	14 x 1.5	21.9	23.5	775
16 x 0.75	19.9	22.0	626	16 x 1.5	23.1	25.0	864
19 x 0.75	21.0	23.0	712	19 x 1.5	24.3	26.0	987
24 x 0.75	24.5	27.0	890	24 x 1.5	28.4	30.5	1237
27 x 0.75	25.0	27.5	966	27 x 1.5	29.0	31.0	1350
30 x 0.75	25.9	28.5	1050	30 x 1.5	30.1	32.0	1472
33 x 0.75	26.8	29.5	1135	33 x 1.5	31.3	33.5	1598
37 x 0.75	27.9	30.5	1246	37 x 1.5	32.5	34.5	1757
2 x 1	10.8	12.0	155	2 x 2.5	12.3	13.5	214
3 x 1	11.4	12.5	190	3 x 2.5	13.0	14.5	270
4 x 1	12.4	13.5	230	4 x 2.5	14.8	16.0	369
5 x 1	13.5	14.5	272	5 x 2.5	15.9	17.5	435
7 x 1	15.1	16.5	377	7 x 2.5	17.3	19.0	551
10 x 1	18.9	20.5	523	10 x 2.5	21.9	24.0	774
12 x 1	19.5	21.0	588	12 x 2.5	22.6	24.5	880
14 x 1	20.4	22.0	658	14 x 2.5	23.7	26.0	994
16 x 1	21.6	23.0	734	16 x 2.5	25.0	27.5	1112
19 x 1	22.6	24.5	834	19 x 2.5	26.4	29.0	1279
24 x 1	26.4	28.5	1043	24 x 2.5	31.0	33.5	1608
27 x 1	27.0	29.0	1135	27 x 2.5	31.6	34.5	1760
30 x 1	27.9	30.0	1235	30 x 2.5	32.8	35.5	1926
33 x 1	29.1	31.0	1341	33 x 2.5	34.1	37.0	2094
37 x 1	30.2	32.5	1472	37 x 2.5	35.5	38.5	2312

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。

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CKJPJ/NC Series,CKJPF/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

**CKJPJ85/NC
19X2.5**

型号: **CKJPJ/NC**
 Type: **CKJPJ80/NC**
CKJPJ90/NC
CKJPJ85/NC
CKJPJ95/NC
CKJPF/NC
CKJPF80/NC
CKJPF90/NC
CKJPF86/NC
CKJPF96/NC

用途 Application

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control 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 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	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

HI-SEA MARINE

CKJPJ/NC, CKJPF/NC

(CKJV/NA Series参照使用)

芯数x截面 No. of cores x sectional area	CKJPJ/NC, CKJPF/NC			CKJPJ80/NC, CKJPF80/NC CKJPJ90/NC, CKJPF90/NC				CKJPJ85/NC, CKJPF86/NC CKJPJ95/NC, CKJPF96/NC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		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											
2 x 0.75	8.3	9.6	66	9.3	10.5	116	110	11.2	12.5	157	151
3 x 0.75	9.0	10.0	86	10.0	11.5	141	135	11.9	13.0	184	178
4 x 0.75	9.8	11.0	104	10.8	12.0	164	157	12.7	14.0	212	205
5 x 0.75	10.6	12.0	123	12.1	13.5	220	208	14.1	15.5	273	262
7 x 0.75	11.7	13.0	160	13.2	14.5	267	255	15.3	17.0	327	315
10 x 0.75	14.9	16.5	227	16.4	18.0	364	348	18.6	20.5	442	426
12 x 0.75	15.4	17.0	257	16.9	18.5	399	383	19.1	21.0	480	464
14 x 0.75	16.1	18.0	289	17.6	20.0	438	422	19.9	22.0	523	506
16 x 0.75	17.2	19.0	330	18.7	20.5	490	473	21.0	23.0	581	563
19 x 0.75	18.1	20.0	378	19.6	21.5	548	529	22.0	24.0	643	624
24 x 0.75	21.3	24.0	477	22.8	25.5	678	656	25.3	28.0	795	773
27 x 0.75	21.8	24.5	522	23.3	26.0	729	707	25.9	28.5	848	826
30 x 0.75	22.7	25.0	578	24.2	26.5	795	772	26.8	29.5	920	896
33 x 0.75	23.6	26.0	626	25.1	27.5	853	829	27.8	30.5	983	959
37 x 0.75	24.5	27.0	688	26.0	29.0	925	900	28.7	31.5	1061	1035
2 x 1	9.1	10.5	83	10.1	11.5	140	133	12.0	13.5	196	189
3 x 1	9.6	11.0	103	10.6	12.0	164	157	12.5	14.0	221	214
4 x 1	10.5	12.0	126	12.0	13.5	224	213	14.0	15.5	287	276
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
2 x 1.5	9.7	11.0	98	10.7	12.0	159	152	12.6	14.0	216	209
3 x 1.5	10.3	11.5	124	11.8	13.0	221	209	13.8	15.0	282	270
4 x 1.5	11.4	13.0	158	12.9	14.5	265	253	14.9	16.5	331	319
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
2 x 2.5	10.7	12.0	128	12.2	13.5	228	217	14.2	15.5	291	279
3 x 2.5	11.6	12.5	172	13.1	14.5	282	269	15.2	16.5	347	334
4 x 2.5	12.6	14.0	213	14.1	15.5	333	319	16.2	17.5	408	394
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：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。

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CKJJP/NC Series,CKJPFP/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

**CKJPFP86/NC
19X2.5**

型号: CKJJP/NC
 Type: CKJJP80/NC
 CKJJP90/NC
 CKJJP85/NC
 CKJJP95/NC
 CKJPFP/NC
 CKJPFP80/NC
 CKJPFP90/NC
 CKJPFP86/NC
 CKJPFP96/NC

用途 Application

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control 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)
单芯屏蔽 Individual screen	P	镀锡铜丝编织 Tinned copper wire braided
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	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKJJP/NC, CKJFP/NC

(CKJVP/NA Series参照使用)

芯数x截面 No. of cores x sectional area	CKJJP/NC, CKJFP/NC			CKJJP80/NC, CKJFP80/NC CKJJP90/NC, CKJFP90/NC				CKJJP85/NC, CKJFP86/NC CKJJP95/NC, CKJFP96/NC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		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											
2 x 0.75	10.1	11.5	111	11.6	13.0	203	192	13.6	15.0	254	244
3 x 0.75	10.7	12.0	143	12.2	13.5	241	230	14.2	15.5	296	285
4 x 0.75	11.9	13.0	184	13.4	15.0	294	282	15.5	17.0	354	342
5 x 0.75	13.0	14.5	221	14.5	16.0	342	328	16.6	18.0	406	393
7 x 0.75	14.3	16.0	293	15.8	17.5	428	413	18.0	19.5	498	483
10 x 0.75	18.3	20.0	415	19.8	22.0	588	570	22.2	24.5	684	665
12 x 0.75	18.9	21.0	478	20.4	22.5	659	640	22.8	25.0	756	737
14 x 0.75	20.1	22.0	554	21.6	23.5	749	728	24.1	26.0	851	831
16 x 0.75	21.2	23.0	621	22.7	25.0	828	806	25.2	27.5	937	915
19 x 0.75	22.5	24.5	728	24.0	26.5	951	928	26.6	29.0	1066	1043
24 x 0.75	26.5	29.0	918	28.0	30.5	1183	1156	30.8	33.5	1326	1299
27 x 0.75	27.1	30.0	1011	28.6	31.5	1285	1258	31.4	34.5	1430	1403
30 x 0.75	28.3	31.0	1121	29.8	32.5	1410	1382	32.7	35.5	1562	1533
33 x 0.75	29.4	32.5	1219	30.9	34.0	1522	1492	33.8	37.0	1681	1651
37 x 0.75	30.7	33.5	1360	32.7	35.5	1767	1725	35.7	39.0	1939	1897
2 x 1	10.7	12.0	125	12.2	13.5	223	211	14.2	15.5	277	266
3 x 1	11.6	12.5	169	13.1	14.5	276	264	15.2	16.5	334	322
4 x 1	12.6	14.0	210	14.1	15.5	327	314	16.2	17.5	390	376
5 x 1	14.0	15.0	258	15.5	17.0	389	374	17.7	19.0	459	445
7 x 1	15.2	16.5	336	16.7	18.0	480	465	18.9	20.5	555	539
10 x 1	19.7	21.0	485	21.2	23.0	673	653	23.7	25.5	777	757
12 x 1	20.4	22.0	560	21.9	23.5	758	737	24.4	26.0	863	842
14 x 1	21.4	23.0	637	22.9	24.5	847	825	25.4	27.5	956	934
16 x 1	22.8	24.5	726	24.3	26.0	951	928	26.9	29.0	1069	1046
19 x 1	24.0	25.5	840	25.5	27.5	1081	1056	28.2	30.0	1204	1179
24 x 1	28.5	30.5	1072	30.0	32.0	1361	1332	32.9	35.0	1518	1489
27 x 1	29.1	31.0	1182	30.6	32.5	1481	1451	33.5	35.5	1638	1608
30 x 1	30.4	32.5	1309	32.4	34.5	1710	1669	35.4	37.5	1881	1840
33 x 1	31.6	33.5	1425	33.6	36.0	1845	1802	36.7	39.0	2023	1980
37 x 1	33.0	35.0	1590	35.0	37.5	2034	1989	38.1	40.5	2219	2174
2 x 1.5	11.5	12.5	147	13.0	14.0	252	240	15.0	16.5	310	298
3 x 1.5	12.2	13.5	192	13.7	15.0	305	292	15.8	17.0	367	354
4 x 1.5	13.3	14.5	241	14.8	16.0	365	351	16.9	18.5	431	417
5 x 1.5	14.8	16.0	297	16.3	17.5	436	421	18.5	20.0	510	495
7 x 1.5	16.1	17.5	388	17.6	19.0	542	526	19.9	21.5	622	605
10 x 1.5	20.9	22.5	561	22.4	24.0	763	741	24.9	26.5	872	851
12 x 1.5	21.6	23.0	649	23.1	25.0	861	839	25.7	27.5	972	950
14 x 1.5	22.9	24.5	751	24.4	26.0	978	955	27.0	29.0	1095	1072
16 x 1.5	24.2	26.0	844	25.7	27.5	1087	1062	28.4	30.5	1211	1187
19 x 1.5	25.7	27.5	990	27.2	29.0	1252	1226	30.0	32.0	1384	1358
24 x 1.5	30.5	34.0	1262	32.5	34.5	1662	1621	35.5	38.0	1836	1795
27 x 1.5	31.2	33.5	1393	33.2	35.0	1807	1765	36.3	38.5	1982	1940
30 x 1.5	32.3	34.5	1527	34.3	36.5	1960	1916	37.4	40.0	2141	2097
33 x 1.5	33.8	36.0	1679	35.8	38.0	2136	2090	39.0	41.5	2326	2280
37 x 1.5	35.1	37.5	1857	37.1	39.5	2336	2289	40.4	43.0	2534	2486
2 x 2.5	12.3	13.5	179	13.8	15.0	292	279	15.9	17.5	354	342
3 x 2.5	13.1	14.5	239	14.6	16.0	362	348	16.7	18.5	426	412
4 x 2.5	14.5	16.0	308	16.0	17.5	445	430	18.2	20.0	516	501
5 x 2.5	15.9	17.5	372	17.4	19.0	524	507	19.7	21.5	602	586
7 x 2.5	17.5	19.0	499	19.0	21.0	670	652	21.3	23.5	754	736
10 x 2.5	22.7	25.0	719	24.2	26.5	943	920	26.8	29.0	1061	1037
12 x 2.5	23.5	25.5	835	25.0	27.0	1071	1047	27.6	30.0	1190	1166
14 x 2.5	24.9	27.0	966	26.4	28.5	1220	1195	29.1	31.5	1346	1320
16 x 2.5	26.3	28.5	1088	27.8	30.0	1360	1333	30.6	33.0	1493	1466
19 x 2.5	27.9	30.5	1277	29.4	32.0	1571	1543	32.3	35.0	1711	1683
24 x 2.5	33.1	36.0	1625	35.1	38.0	2071	2026	38.3	41.5	2257	2212
27 x 2.5	33.8	36.5	1796	35.8	39.0	2258	2212	39.0	42.0	2443	2397
30 x 2.5	35.1	38.0	1973	37.1	40.5	2458	2411	40.4	44.0	2651	2603
33 x 2.5	36.7	39.5	2168	38.7	42.0	2680	2630	42.0	45.5	2882	2832
37 x 2.5	38.3	41.5	2419	40.3	43.5	2961	2909	43.7	47.0	3171	3119

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CKJ85/NC, CKJ86/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable图例 **Example:**型号: **CKJ85/NC**Type: **CKJ86/NC****CKJ85/NC****19X2.5****用途 Application**

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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

CKJ85/NC, CKJ86/NC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2 x 0.75	9.6	11.0	114	2 x 1.5	10.8	12.5	152
3 x 0.75	10.1	11.5	134	3 x 1.5	11.6	13.0	187
4 x 0.75	11.0	12.5	159	4 x 1.5	12.5	14.0	222
5 x 0.75	11.8	13.5	183	5 x 1.5	13.5	15.0	257
7 x 0.75	12.8	14.5	224	7 x 1.5	15.3	17.0	359
10 x 0.75	16.6	18.5	351	10 x 1.5	19.1	21.0	493
12 x 0.75	17.1	19.0	387	12 x 1.5	19.9	22.0	558
14 x 0.75	17.9	20.0	427	14 x 1.5	20.8	23.0	618
16 x 0.75	18.9	21.0	472	16 x 1.5	21.8	24.0	681
19 x 0.75	19.8	22.0	530	19 x 1.5	23.1	25.5	778
24 x 0.75	23.1	25.5	659	24 x 1.5	26.9	29.5	967
27 x 0.75	23.6	26.0	710	27 x 1.5	27.6	30.5	1059
30 x 0.75	24.4	27.0	766	30 x 1.5	28.6	31.5	1144
33 x 0.75	25.3	28.0	826	33 x 1.5	29.6	32.5	1231
37 x 0.75	26.3	29.0	900	37 x 1.5	30.9	34.0	1357
2 x 1	10.2	11.5	134	2 x 2.5	12.0	13.5	192
3 x 1	10.7	12.0	157	3 x 2.5	12.7	14.0	235
4 x 1	11.8	13.5	191	4 x 2.5	14.4	16.0	322
5 x 1	12.7	14.5	219	5 x 2.5	15.6	17.0	375
7 x 1	14.4	16.0	306	7 x 2.5	17.0	18.5	472
10 x 1	17.9	20.0	419	10 x 2.5	21.3	23.0	651
12 x 1	18.4	20.5	461	12 x 2.5	22.2	24.0	743
14 x 1	19.5	21.5	519	14 x 2.5	23.2	25.0	829
16 x 1	20.4	22.5	569	16 x 2.5	24.4	26.5	918
19 x 1	21.4	24.0	637	19 x 2.5	25.8	28.0	1055
24 x 1	25.1	27.5	803	24 x 2.5	30.3	32.5	1328
27 x 1	25.6	28.5	863	27 x 2.5	30.9	33.0	1443
30 x 1	26.5	29.0	930	30 x 2.5	32.0	34.5	1567
33 x 1	27.6	30.5	1012	33 x 2.5	33.4	36.0	1709
37 x 1	28.6	31.5	1099	37 x 2.5	34.6	37.0	1870

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CKJP85/NC Series,CKJP86/NC Series**150/250V**

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 **Example:****CKJP86/NC
19X2.5**型号: **CKJP85/NC**Type: **CKJP86/NC****用途 Application**

船用控制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 control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 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
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	CK	船用控制电缆 Shipboard control 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
单芯屏蔽 Individual screen	P	镀锡铜丝编织 Tinned copper wire braided
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

CKJP85/NC, CKJP86/NC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2 x 0.75	10.8	12.0	155	2 x 1.5	11.9	13.0	189
3 x 0.75	11.4	13.0	191	3 x 1.5	12.6	14.0	238
4 x 0.75	12.3	14.0	228	4 x 1.5	14.3	15.5	328
5 x 0.75	14.0	15.5	305	5 x 1.5	15.7	17.0	389
7 x 0.75	15.2	17.0	381	7 x 1.5	17.0	18.5	492
10 x 0.75	19.1	21.0	529	10 x 1.5	21.7	23.5	688
12 x 0.75	19.8	22.0	598	12 x 1.5	22.4	24.0	782
14 x 0.75	20.8	23.0	673	14 x 1.5	23.6	25.5	884
16 x 0.75	22.0	24.0	750	16 x 1.5	24.9	27.0	989
19 x 0.75	23.1	25.5	857	19 x 1.5	26.3	28.0	1136
24 x 0.75	27.1	30.0	1071	24 x 1.5	30.9	33.0	1423
27 x 0.75	27.8	30.5	1170	27 x 1.5	31.6	34.0	1560
30 x 0.75	28.8	31.5	1276	30 x 1.5	32.8	35.0	1705
33 x 0.75	30.0	32.5	1385	33 x 1.5	34.2	36.5	1854
37 x 0.75	31.1	34.0	1523	37 x 1.5	36.1	38.5	2138
2 x 1	11.4	12.5	172	2 x 2.5	12.7	14.0	225
3 x 1	12.0	13.5	211	3 x 2.5	14.1	15.5	324
4 x 1	13.6	15.0	291	4 x 2.5	15.4	17.0	398
5 x 1	14.8	16.0	344	5 x 2.5	16.8	18.5	474
7 x 1	16.1	17.5	432	7 x 2.5	18.3	20.0	606
10 x 1	20.4	22.0	602	10 x 2.5	23.3	25.5	850
12 x 1	21.1	23.0	682	12 x 2.5	24.2	26.5	974
14 x 1	22.2	24.0	769	14 x 2.5	25.4	28.0	1104
16 x 1	23.5	25.5	858	16 x 2.5	26.9	29.5	1239
19 x 1	24.7	26.5	983	19 x 2.5	28.4	31.0	1429
24 x 1	29.0	31.0	1230	24 x 2.5	33.4	36.5	1793
27 x 1	29.6	32.0	1345	27 x 2.5	34.2	37.0	1971
30 x 1	30.8	33.0	1469	30 x 2.5	36.1	39.0	2254
33 x 1	32.1	34.5	1596	33 x 2.5	37.5	40.5	2450
37 x 1	33.3	35.5	1757	37 x 2.5	39.0	42.5	2702

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