CJ86/SC

Armoured Marine Power and Control Cable
0.6/1kV



Construction

Structure	Code	Construction Detail
1.Conductor	C	- stranded tinned copper wire as per IEC 60228,class 2 - class 5 (flexible) as request
2.Insulation	J	XLPE plastic, IEC 60092-360
3.Cabling		cabling with optional fillers to obtain round cable
4.Covering		polyester tape
5.Armour	8	tinned copper wire braided (TCWB)
6.Sheath	6	thermoplastic polyolefine, SHF1 as per IEC 60092-360 sheath color: black
7.Core Indentification		1C: Black 2C: Brown, Blue 2C+E: Brown, Blue, Yellow/Green 3C: Black, Grey, Brown 3C+E: Black, Grey, Brown, Yellow/Green 4C: Black, Grey, Brown, Blue 5C & Above: White insulation with black number printing
8.Combustion Property	SC	Flame Retardant, Halogen Free and Low Smoke

Application

For fixed installation in most areas and on open deck on shipboard and offshore units.

Main Characteristics

Rating Voltage	0.6/1kV(1.2kV)
Testing Voltage	3.5kV for 5 mins
Flame Retardant	IEC 60332-1 & IEC 60332-3-22,Cat.A
Halogen Free	IEC 60754 series
Smoke Emission	IEC 61034 series
Temperature Rating	Max. conductor operating temperature +90°C
	Min. ambient temperature for fixed installation - 40°C
	Min. recommended installation temperature -15°C

Sheath Printing

Honest Cable CJ86/SC Size 0.6/1kV IEC 60332-3-22 Meter Mark

CJ86/SC CJ85/SC

Core NO.xSize (mm²)	Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 °C	Core NO.xSize (mm²)	Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 °C
1×1	5.7±0.8	52	18	4×1	9.9±0.8	155	13
1×1.5	5.9±0.8	60	23	5×1	10.7±1.0	176	10
1×2.5	6.6±0.8	76	30	7×1	11.7±1.0	218	9
1×4	7.1±0.8	96	40	10×1	15.0±1.0	350	8
1×6	7.7±0.8	123	52	12×1	15.4±1.0	389	8
1×10	8.9±0.8	172	72	14×1	16.3±1.0	420	7
1×16	9.9±0.8	242	96	16×1	17.1±1.0	466	7
1×25	11.8±1.0	357	127	19×1	18.0±1.0	542	7
1×35	13.0±1.0	494	157	24×1	21.0±1.5	675	6
1×50	14.6±1.0	663	196	27×1	21.6±1.5	713	6
1×70	17.5±1.0	891	242	30×1	22.3±1.5	774	5
1×95	18.9±1.0	1159	293	33×1	22.9±1.5	856	5
1×120	20.6±1.5	1434	339	37×1	24.2±1.5	936	5
1×150	22.5±1.5	1768	389	/	/	/	/
1×185	25.0±1.5	2161	444	/	/	/	/
1×240	28.2±1.5	2747	522	/	/	/	/
1×300	31.0±1.5	3379	601	/	/	/	/
2×1	8.7±0.8	99	14	4×1.5	10.3±1.0	180	16
2×1.5	9.3±0.8	116	20	5×1.5	11.3±1.0	212	13
2×2.5	10.1±1.0	149	26	7×1.5	12.2±1.0	306	12
2×4	11.3±1.0	192	34	10×1.5	15.9±1.0	423	11
2×6	12.4±1.0	271	44	12×1.5	16.3±1.0	461	10
2×10	15.0±1.0	379	61	14×1.5	17.1±1.0	516	10
2×16	17.1±1.0	529	82	16×1.5	18.0±1.0	589	9
2×25	20.6±1.5	793	108	19×1.5	19.1±1.0	670	9
2×35	23.2±1.5	1032	133	24×1.5	22.2±1.5	819	8
2×50	26.3±1.5	1384	167	27×1.5	22.7±1.5	890	8
2×70	30.5±1.5	1864	206	30×1.5	23.7±1.5	989	7
2×95	35.1±1.5	2426	249	33×1.5	24.5±1.5	1071	7
2×120	38.2±1.5	3093	288	37×1.5	25.4±1.5	1154	7
3×1	9.1±0.8	126	13	4×2.5	11.7±1.0	237	21
3×1.5	9.7±0.8	149	16	5×2.5	12.6±1.0	323	17
3×2.5	10.8±1.0	199	21	7×2.5	14.1±1.0	404	16
3×4	11.9±1.0	260	28	10×2.5	17.8±1.0	550	14
3×6	13.6±1.0	372	36	12×2.5	18.5±1.0	623	13
3×10	15.8±1.0	524	50	14×2.5	19.4±1.0	718	13
3×16	18.2±1.0	739	67	16×2.5	20.4±1.5	802	12
3×25	22.2±1.5	1093	89	19×2.5	21.7±1.5	900	11
3×35	25.0±1.5	1414	110	24×2.5	25.3±1.5	1131	10
3×50	28.2±1.5	1919	137	27×2.5	25.8±1.5	1258	10
3×70	32.9±1.5	2631	169	30×2.5	26.9±1.5	1373	9
3×95	37.9±1.5	3542	205	33×2.5	27.7±1.5	1468	9
3×120	41.3±2.0	4338	237	37×2.5	29.2±1.5	1618	9
3×150	45.8±2.0	5358	272	/	/	/	/
3×185	51.1±2.0	6623	311	/	/	/	/

※ Cable with ye/gn color earth core is available and mark on sheath is,for example: 2×1.5+E