

# CJPF96/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 / tape to obtain round cable
4.Inner Sheath	PF	thermoplastic polyolefine, SHF1 as per IEC 60092-360
5.Armour	9	galvanized steel wire braided (GSWB)
6.Outer Sheath	6	thermoplastic polyolefine, SHF1 as per IEC 60092-360 sheath color: black
7.Core Identification		1C: not specified 2C: white, red 3C: white, red, blue 4C: white, red, blue, black 5C & above: white core with black number Earth core is green/yellow color
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 CJPF96/SC Size 0.6/1kV IEC 60332-3-22 Meter Mark Year

## CJPF86/SC CJPF96/SC

Core NO.xSize (mm <sup>2</sup> )	Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 °C	Core NO.xSize (mm <sup>2</sup> )	Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 °C
1x1	8.0±0.8	91	18	4x1	12.6±1.0	214	13
1x1.5	8.2±0.8	101	23	5x1	13.4±1.0	269	10
1x2.5	8.9±0.8	120	30	7x1	14.6±1.0	318	9
1x4	9.4±0.8	144	40	10x1	17.8±1.0	444	8
1x6	10.0±1.0	174	52	12x1	18.2±1.0	487	8
1x10	11.0±1.0	231	72	14x1	19.2±1.0	521	7
1x16	12.0±1.0	309	96	16x1	20.4±1.5	573	7
1x25	14.3±1.0	469	127	19x1	21.2±1.5	657	7
1x35	15.1±1.0	593	157	24x1	24.4±1.5	814	6
1x50	17.3±1.0	775	196	27x1	25.0±1.5	854	6
1x70	19.9±1.0	1022	242	30x1	26.0±1.5	921	5
1x95	22.2±1.5	1309	293	33x1	26.8±1.5	1012	5
1x120	24.1±1.5	1602	339	37x1	27.8±1.5	1099	5
1x150	26.2±1.5	1956	389	/	/	/	/
1x185	28.9±1.5	2375	444	/	/	/	/
1x240	32.3±1.5	2995	522	/	/	/	/
1x300	35.5±1.5	3659	601	/	/	/	/
2x1	11.1±1.0	155	14	4x1.5	13.2±1.0	272	16
2x1.5	11.7±1.0	176	20	5x1.5	14.3±1.0	312	13
2x2.5	12.7±1.0	217	26	7x1.5	15.5±1.0	387	12
2x4	14.1±1.0	299	34	10x1.5	18.9±1.0	527	11
2x6	15.2±1.0	366	44	12x1.5	19.6±1.0	567	10
2x10	18.1±1.0	490	61	14x1.5	20.6±1.5	628	10
2x16	20.5±1.0	660	82	16x1.5	21.5±1.5	710	9
2x25	24.0±1.5	943	108	19x1.5	22.3±1.5	798	9
2x35	26.8±1.5	1208	133	24x1.5	25.9±1.5	972	8
2x50	30.0±1.5	1592	167	27x1.5	26.3±1.5	1048	8
2x70	34.5±1.5	2119	206	30x1.5	27.3±1.5	1156	7
2x95	39.5±1.5	2820	249	33x1.5	28.4±1.5	1247	7
2x120	42.9±2.0	3456	288	37x1.5	29.3±1.5	1337	7
3x1	11.8±1.0	179	13	4x2.5	14.6±1.0	341	21
3x1.5	12.2±1.0	207	16	5x2.5	15.5±1.0	408	17
3x2.5	13.3±1.0	299	21	7x2.5	17.0±1.0	497	16
3x4	14.8±1.0	371	28	10x2.5	21.0±1.5	669	14
3x6	16.5±1.0	462	36	12x2.5	21.6±1.5	747	13
3x10	19.1±1.0	632	50	14x2.5	22.9±1.5	852	13
3x16	21.6±1.0	868	67	16x2.5	23.9±1.5	945	12
3x25	25.7±1.5	1258	89	19x2.5	25.1±1.5	1051	11
3x35	29.2±1.5	1606	110	24x2.5	29.2±1.5	1315	10
3x50	32.6±1.5	2146	137	27x2.5	29.7±1.5	1450	10
3x70	37.7±2.0	2915	169	30x2.5	31.0±1.5	1574	9
3x95	42.5±2.0	3889	205	33x2.5	32.0±1.5	1678	9
3x120	46.8±2.0	4740	237	37x2.5	33.0±1.5	1839	9
3x150	51.0±2.0	5824	272	/	/	/	/
3x185	56.8±2.0	7176	311	/	/	/	/

※ Cable with ye/gn color earth core is available and mark on sheath is,for example: 2x1.5+E