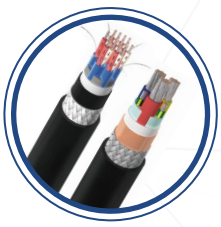
GRAND OCEAN

SHIP CABLE



CONTENT PAGE

CODE DESIGNATION OF HONEST CABLE

Code for Cable Series	
C	Ship Power & Control Cable 0.6/1kV
CK	Ship Control Cable 150/250V
CH	Ship Communication Cable 150/250V
CB	Switchboard Wire
CBP	VFD Power Cable
Code for Insulation	
J	Cross-linked Polyethylene (XLPE)
Code for Inner Sheath	
PF	Thermplastic Polyolefin (SHF1)
PJ	Thermoset Polyolefin (SHF2)
Code for Armor	
8	Tinned Copper Wire Braid (TCWB)
9	Galvinized Steel Wire Braid (GSWB)
Code for Outer Sheath	
6	Thermplastic Polyolefin (SHF1)
5	Thermoset Polyolefin (SHF2)
Code for Other Structure	
P	Individually Screen
R	Flexible, Class 5 Conductor
Code for Flammability	
D	Single Flame Retardant
S	Bunched Flame Retardant
N	Fire Resistant
C	Halogen-free, Low-smoke, Low-Toxicity

CJPF/SC 0.6/1kV

Unarmored Ship Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color 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

Application

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

Main Characteristics

- **Design** — IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** — IEC 60092-360
- **Flame Retardant** — IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** — IEC 60754 Series
- **Smoke Emission** — IEC 61034 Series
- **Working Temperature** — - 20℃ / +90℃
- **Min. Recommended Installation Temperature** — -15℃
- **Min Bending Radius(Fixed)** — For cables D≤25 mm 4xD
For cables D＞25 mm 6xD
- **Testing Voltage** — 3.5kV

Sheath Printing

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

CJPF/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃
1×1.0	5.0	36	18	4×1	9.0	100	13
1×1.5	5.2	40	23	4×1.5	10.0	135	16
1×2.5	5.7	55	30	4×2.5	11.0	180	21
1×4	6.5	70	40	4×4	12.5	260	28
1×6	7.0	95	52	4×6	14.0	385	36
1×10	8.0	140	72	4×10	16.5	540	50
1×16	9.0	200	96	4×16	20.0	820	67
1×25	11.5	295	127	4×25	25.0	1265	89
1×35	12.5	390	157	4×35	27.0	1690	110
1×50	14.5	530	196	4×50	32.0	2390	137
1×70	16.5	730	242	4×70	37.0	3315	169
1×95	18.0	980	293	4×95	41.5	4320	205
1×120	20.0	1220	339	4×120	46.5	5450	237
1×150	23.0	1520	389	4×150	53.5	6915	272
1×185	25.5	1860	444	5×1	10.0	113	10
1×240	28.5	2450	522	7×1	11.0	147	9
1×300	31.5	3030	601	10×1	14.0	210	8
2×1.0	8.0	65	15	12×1	14.5	243	8
2×1.5	8.5	80	20	14×1	15.0	277	7
2×2.5	9.5	115	26	16×1	16.0	313	7
2×4	10.5	155	34	19×1	17.0	364	7
2×6	12.0	240	44	24×1	20.0	461	6
2×10	14.0	360	61	27×1	20.5	509	6
2×16	17.0	515	82	30×1	21.0	559	5
2×25	21.0	790	108	33×1	22.5	611	5
2×35	23.0	842	133	37×1	23.0	678	5
2×50	26.5	1172	167	5×1.5	11.0	143	13
2×70	31.0	1605	206	7×1.5	12.0	189	12
2×95	34.5	2122	249	10×1.5	15.0	271	11
2×120	38.0	2675	288	12×1.5	15.5	314	10
2×150	43.0	3556	331	14×1.5	16.5	360	10
2×185	48.0	4396	377	16×1.5	17.5	407	9

CJPF/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1.0	8.4	75	13	19×1.5	18.5	474	9
3×1.5	8.8	94	16	24×1.5	22.0	601	8
3×2.5	10.0	130	21	27×1.5	22.5	665	8
3×4	11.5	181	28	30×1.5	23.0	733	7
3×6	13.0	247	36	33×1.5	24.0	801	7
3×10	15.0	374	50	37×1.5	25.0	891	7
3×16	18.0	578	67	5×2.5	12.0	202	17
3×25	21.5	894	89	7×2.5	13.5	269	16
3×35	24.5	1250	110	10×2.5	17.0	385	14
3×50	28.0	1684	137	12×2.5	17.5	450	13
3×70	32.5	2314	169	14×2.5	18.5	517	13
3×95	37.0	3153	205	16×2.5	19.5	586	12
3×120	41.0	3950	237	19×2.5	21.0	686	11
3×150	46.0	4920	272	24×2.5	25.0	870	10
3×185	52.0	6100	311	27×2.5	25.5	966	10
3×240	60.0	8150	365	30×2.5	26.5	1065	9
/	/	/	/	33×2.5	27.5	1167	9
/	/	/	/	37×2.5	29.0	1289	9

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

CJPF/NC 0.6/1kV

Fire Resistant Unarmored Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Fire-proof Layer	Mica Tape
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color 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

Application

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

Main Characteristics

- **Design** — IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** — IEC 60092-360
- **Flame Retardant** — IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** — IEC 60754 Series
- **Smoke Emission** — IEC 61034 Series
- **Fire Resistant** — IEC 60331-21, IEC 60331-1-2
- **Working Temperature** — - 20℃ / +90℃
- **Min. Recommended Installation Temperature** — -15℃
- **Min Bending Radius(Fixed)** — For cables D≤25 mm 4xD
For cables D＞25 mm 6xD
- **Testing Voltage** — 3.5kV

Sheath Printing

Honest Cable CJPF/NC Size 0.6/1kV IEC 60331 & IEC 60332-3-22 Meter Mark Year

CJPF/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃
1×1	5.5	33	18	4×1	10.0	135	13
1×1.5	6.0	41	23	4×1.5	11.0	166	16
1×2.5	6.5	54	30	4×2.5	12.0	223	21
1×4	7.0	72	40	4×4	13.5	296	28
1×6	7.5	96	52	4×6	15.0	395	36
1×10	8.5	142	72	4×10	18.5	599	50
1×16	9.5	208	96	4×16	21.0	871	67
1×25	11.5	318	127	4×25	26.0	1294	89
1×35	12.5	426	157	4×35	28.0	1720	110
1×50	14.5	593	196	4×50	32.5	2292	137
1×70	16.5	811	242	4×70	38.5	3420	169
1×95	18.5	1074	293	4×95	43.5	4513	205
1×120	20.5	1352	339	4×120	49.0	5627	237
1×150	22.5	1684	389	4×150	54.0	6986	272
1×185	25.0	2069	444	5×1	11.0	124	10
1×240	28.0	2652	522	7×1	11.5	161	9
1×300	31.5	3286	601	10×1	15.0	229	8
2×1	8.5	64	14	12×1	16.5	264	8
2×1.5	9.0	78	20	14×1	17.5	301	7
2×2.5	10.5	105	26	16×1	18.5	340	7
2×4	11.5	144	34	19×1	19.5	395	7
2×6	12.6	194	44	24×1	23.0	500	6
2×10	15.0	289	61	27×1	24.0	552	6
2×16	17.0	445	82	30×1	24.5	606	5
2×25	20.5	683	108	33×1	25.5	662	5
2×35	23.0	915	133	37×1	26.0	734	5
2×50	26.0	1273	167	5×1.5	12.0	156	13
2×70	31.0	1742	206	7×1.5	13.0	206	12
2×95	35.0	2303	249	10×1.5	17.0	295	11
2×120	38.5	2903	288	12×1.5	17.5	342	10
2×150	42.5	3640	331	14×1.5	18.5	392	10
2×185	47.5	4515	377	16×1.5	19.5	443	9

CJPF/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1	9.5	82	13	19×1.5	20.5	515	9
3×1.5	10.0	103	16	24×1.5	24.5	653	8
3×2.5	11.0	142	21	27×1.5	25.0	723	8
3×4	12.0	197	28	30×1.5	26.0	796	7
3×6	13.5	269	36	33×1.5	27.0	870	7
3×10	16.0	407	50	37×1.5	28.0	968	7
3×16	18.5	628	67	5×2.5	13.0	220	17
3×25	22.5	971	89	7×2.5	14.5	293	16
3×35	25.0	1308	110	10×2.5	19.0	419	14
3×50	28.5	1828	137	12×2.5	19.5	489	13
3×70	33.0	2512	169	14×2.5	20.6	562	13
3×95	38.0	3331	205	16×2.5	21.8	637	12
3×120	42.0	4204	237	19×2.5	23.0	745	11
3×150	47.0	5355	272	24×2.5	27.5	945	10
3×185	52.0	6460	311	27×2.5	28.0	1049	10
3×240	60.0	8635	365	30×2.5	29.5	1157	9
/	/	/	/	33×2.5	30.5	1267	9
/	/	/	/	37×2.5	31.5	1400	9

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

CJ86/SC 0.6/1kV

Armored Ship Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color 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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Testing Voltage** 3.5kV

Sheath Printing

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

CJ86/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 ℃
1×1	5.8	52	18	4×1	10.0	145	13
1×1.5	6.0	60	23	4×1.5	11.0	170	16
1×2.5	6.8	76	30	4×2.5	12.5	228	21
1×4	7.5	96	40	4×4	13.5	302	28
1×6	8.0	123	52	4×6	15.5	404	36
1×10	9.0	172	72	4×10	17.5	624	50
1×16	10.0	242	96	4×16	21.0	903	67
1×25	11.8	357	127	4×25	26.0	1323	89
1×35	13.0	494	157	4×35	28.0	1754	110
1×50	14.6	663	196	4×50	33.0	2345	137
1×70	17.5	891	242	4×70	38.0	3687	169
1×95	19.0	1159	293	4×95	43.0	4812	205
1×120	20.6	1434	339	4×120	48.0	5951	237
1×150	22.5	1768	389	4×150	55.0	7354	272
1×185	25.0	2161	444	5×1	10.7	176	10
1×240	28.5	2747	522	7×1	11.8	218	9
1×300	31.0	3379	601	10×1	15.0	350	8
2×1	9.0	99	14	12×1	15.5	389	8
2×1.5	9.5	116	20	14×1	16.5	420	7
2×2.5	10.5	149	26	16×1	17.0	466	7
2×4	11.5	192	34	19×1	18.0	542	7
2×6	12.5	271	44	24×1	21.0	675	6
2×10	15.0	379	61	27×1	21.6	713	6
2×16	17.5	529	82	30×1	22.5	774	5
2×25	21.0	793	108	33×1	23.0	856	5
2×35	23.5	1032	133	37×1	24.5	936	5
2×50	26.5	1384	167	5×1.5	11.5	212	13
2×70	30.5	1864	206	7×1.5	12.5	306	12
2×95	35.5	2426	249	10×1.5	16.0	423	11
2×120	38.0	3093	288	12×1.5	16.5	461	10
2×150	42.2	3768	331	14×1.5	17.2	516	10
2×185	47.2	4652	377	16×1.5	18.0	589	9

CJ86/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1	9.2	126	13	19×1.5	19.2	670	9
3×1.5	9.8	149	16	24×1.5	22.5	819	8
3×2.5	10.8	199	21	27×1.5	23.0	890	8
3×4	12.0	260	28	30×1.5	24.0	989	7
3×6	13.6	372	36	33×1.5	24.5	1071	7
3×10	16.0	524	50	37×1.5	25.5	1154	7
3×16	18.2	739	67	5×2.5	12.6	323	17
3×25	22.5	1093	89	7×2.5	14.2	404	16
3×35	25.0	1414	110	10×2.5	18.0	550	14
3×50	28.2	1919	137	12×2.5	18.5	623	13
3×70	33.0	2631	169	14×2.5	19.5	718	13
3×95	38.0	3542	205	16×2.5	20.5	802	12
3×120	41.5	4200	237	19×2.5	21.8	900	11
3×150	46.0	5200	272	24×2.5	25.5	1131	10
3×185	51.5	6380	311	27×2.5	26.0	1258	10
3×240	62.0	8858	365	30×2.5	27.0	1373	9
/	/	/	/	33×2.5	28.0	1468	9
/	/	/	/	37×2.5	29.5	1618	9

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

CJ86/NC 0.6/1kV

Fire Resistant Armored Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Fire proof Layer	Mica Tape
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color 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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Testing Voltage** 3.5kV

Sheath Printing

Honest Cable CJ86/NC Size 0.6/1kV IEC 60331 & IEC 60332-3-22 Meter Mark Year

CJ86/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃
1×1	6.1	58	18	4×1	11.5	179	13
1×1.5	6.3	67	23	4×1.5	12.0	208	16
1×2.5	6.8	83	30	4×2.5	13.5	270	21
1×4	7.3	104	40	4×4	15.0	354	28
1×6	8.0	131	52	4×6	16.0	451	36
1×10	9.2	181	72	4×10	19.5	682	50
1×16	10.2	252	96	4×16	22.0	9655	67
1×25	12.0	368	127	4×25	27.5	1407	89
1×35	13.5	512	157	4×35	29.5	1843	110
1×50	15.0	682	196	4×50	33.5	2431	137
1×70	17.0	913	242	4×70	41.0	3900	169
1×95	19.5	1183	293	4×95	46.0	5058	205
1×120	21.0	1459	339	4×120	51.0	6210	237
1×150	23.0	1795	389	4×150	56.0	7649	272
1×185	25.5	2191	444	5×1	12.0	193	10
1×240	28.6	2779	522	7×1	13.0	271	9
1×300	31.5	3413	601	10×1	16.8	390	8
2×1	9.5	112	14	12×1	17.2	435	8
2×1.5	10.0	130	20	14×1	18.2	470	7
2×2.5	11.0	164	26	16×1	29.2	522	7
2×4	12.0	208	34	19×1	20.2	609	7
2×6	13.5	295	44	24×1	23.6	762	6
2×10	15.6	405	61	27×1	24.2	805	6
2×16	18.0	558	82	30×1	25.1	875	5
2×25	21.6	811	108	33×1	25.8	968	5
2×35	24.5	1052	133	37×1	27.5	1059	5
2×50	27.2	1407	167	5×1.5	12.5	260	13
2×70	31.5	1889	206	7×1.5	14.0	334	12
2×95	36.0	2514	249	10×1.5	17.5	466	11
2×120	40.0	3165	288	12×1.5	18.0	508	10
2×150	44.0	3880	331	14×1.5	19.2	570	10
2×185	50.0	4778	377	16×1.5	20.0	651	9

CJ86/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1	10.0	136	13	19×1.5	21.5	741	9
3×1.5	10.5	160	16	24×1.5	25.0	909	8
3×2.5	11.6	212	21	27×1.5	25.5	989	8
3×4	12.8	308	28	30×1.5	26.5	1100	7
3×6	14.5	389	36	33×1.5	27.2	1192	7
3×10	17.0	544	50	37×1.5	28.5	1284	7
3×16	19.2	761	67	5×2.5	14.2	347	17
3×25	23.2	1119	89	7×2.5	15.5	436	16
3×35	26.0	1443	110	10×2.5	19.6	595	14
3×50	29.5	1951	137	12×2.5	20.2	675	13
3×70	34.0	2668	169	14×2.5	21.5	780	13
3×95	39.0	3585	205	16×2.5	22.5	871	12
3×120	43.0	4384	237	19×2.5	24.0	978	11
3×150	47.0	5408	272	24×2.5	28.0	1232	10
3×185	53.0	6679	311	27×2.5	28.5	1371	10
3×240	62.0	9140	365	30×2.5	30.0	1497	9
/	/	/	/	33×2.5	30.6	1601	9
/	/	/	/	37×2.5	32.5	1764	9

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

CJPF86/SC 0.6/1kV

TCWB Armored Ship Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Insulation	XLPE
Cabling	Optional fillers & Tape may be used to obtain round cable
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color 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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Testing Voltage** 3.5kV

Sheath Printing

Honest Cable CJPF86/SC Size 0.6/1kV IEC 60332-3-22 Meter Mark Year

CJPF96/SC 0.6/1kV

GSWB Armored Ship Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Insulation	XLPE
Cabling	Optional fillers & Tape may be used to obtain round cable
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Galvanized steel wire braided (GSWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color 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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Testing Voltage** 3.5kV

Sheath Printing

Honest Cable CJPF96/SC Size 0.6/1kV IEC 60332-3-22 Meter Mark Year

CJPF86/SC CJPF96/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃
1×1	8.0	91	18	4×1	11.5	198	13
1×1.5	8.5	101	23	4×1.5	12.0	225	16
1×2.5	9.0	120	30	4×2.5	13.5	294	21
1×4	9.5	144	40	4×4	14.6	374	28
1×6	10.0	174	52	4×6	16.5	504	36
1×10	11.0	231	72	4×10	19.6	737	50
1×16	12.0	309	96	4×16	22.8	1048	67
1×25	14.5	469	127	4×25	27.6	1536	89
1×35	15.2	593	157	4×35	30.5	2000	110
1×50	17.5	775	196	4×50	34.5	2655	137
1×70	20.0	1022	242	4×70	40.6	4011	169
1×95	22.5	1309	293	4×95	46.0	5190	205
1×120	24.2	1602	339	4×120	50.8	6417	237
1×150	26.5	1956	389	4×150	56.5	7894	272
1×185	29.0	2375	444	5×1	13.5	269	10
1×240	32.5	2995	522	7×1	14.6	318	9
1×300	35.5	3659	601	10×1	18.0	444	8
2×1	11.2	155	14	12×1	18.2	487	8
2×1.5	11.8	176	20	14×1	19.2	521	7
2×2.5	12.8	217	26	16×1	20.5	573	7
2×4	14.2	299	34	19×1	21.2	657	7
2×6	15.2	366	44	24×1	24.5	814	6
2×10	18.5	490	61	27×1	25.0	854	6
2×16	20.5	660	82	30×1	26.0	921	5
2×25	24.0	943	108	33×1	27.0	1012	5
2×35	27.0	1208	133	37×1	28.0	1099	5
2×50	30.0	1592	167	5×1.5	14.5	312	13
2×70	34.5	2119	206	7×1.5	15.5	387	12
2×95	40.0	2820	249	10×1.5	19.0	527	11
2×120	43.0	3456	288	12×1.5	19.8	567	10
2×150	46.5	4212	331	14×1.5	20.6	628	10
2×185	52.0	5098	377	16×1.5	21.5	710	9

CJPF86/SC CJPF96/SC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1	11.8	179	13	19×1.5	22.5	798	9
3×1.5	12.2	207	16	24×1.5	26.0	972	8
3×2.5	13.5	299	21	27×1.5	26.5	1048	8
3×4	15.0	371	28	30×1.5	27.5	1156	7
3×6	16.5	462	36	33×1.5	28.5	1247	7
3×10	19.2	632	50	37×1.5	29.5	1337	7
3×16	21.6	868	67	5×2.5	15.5	408	17
3×25	25.8	1258	89	7×2.5	17.0	497	16
3×35	29.2	1606	110	10×2.5	21.0	669	14
3×50	32.6	2146	137	12×2.5	21.6	747	13
3×70	37.8	2915	169	14×2.5	23.0	852	13
3×95	42.5	3889	205	16×2.5	24.0	945	12
3×120	46.8	4740	237	19×2.5	25.5	1051	11
3×150	51.0	5824	272	24×2.5	29.5	1315	10
3×185	56.0	7100	311	27×2.5	30.0	1450	10
3×240	65.0	9520	365	30×2.5	31.0	1574	9
/	/	/	/	33×2.5	32.0	1678	9
/	/	/	/	37×2.5	33.0	1839	9

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

CJPF86/NC 0.6/1kV

Fire Resistant TCWB Armored Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Fire proof Layer	Mica Tape
Insulation	XLPE
Cabling	Optional fillers & Tape may be used to obtain round cable
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color 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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Testing Voltage** 3.5kV

Sheath Printing

Honest Cable CJPF86/NC Size 0.6/1kV IEC 60331 & IEC 60332-3-22 Meter Mark Year

CJPF96/NC 0.6/1kV

Fire Resistant GSWB Armored Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228
Fire proof Layer	Mica Tape
Insulation	XLPE
Cabling	Optional fillers & Tape may be used to obtain round cable
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Galvanized steel wire braided (GSWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color 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

Application

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

Main Characteristics

- **Design** — IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** — IEC 60092-360
- **Flame Retardant** — IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** — IEC 60754 Series
- **Smoke Emission** — IEC 61034 Series
- **Fire Resistant** — IEC 60331-21, IEC 60331-1-2
- **Working Temperature** — - 20℃ / +90℃
- **Min. Recommended Installation Temperature** — -15℃
- **Min Bending Radius(Fixed)** — 6xD
- **Testing Voltage** — 3.5kV

Sheath Printing

Honest Cable CJPF96/NC Size 0.6/1kV IEC 60331 & IEC 60332-3-22 Meter Mark Year

CJPF86/NC CJPF96/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45℃
1×1	8.4	100	18	4×1	13.1	245	13
1×1.5	8.6	110	23	4×1.5	14.0	280	16
1×2.5	9.5	129	30	4×2.5	15.2	346	21
1×4	10.0	154	40	4×4	16.8	458	28
1×6	10.5	185	52	4×6	18.4	580	36
1×10	12.0	242	72	4×10	21.8	831	50
1×16	12.8	321	96	4×16	24.5	1145	67
1×25	14.8	484	127	4×25	29.5	1650	89
1×35	16.2	610	157	4×35	31.8	2092	110
1×50	18.0	793	196	4×50	36.0	2800	137
1×70	20.5	1042	242	4×70	43.0	4226	169
1×95	22.8	1331	293	4×95	48.2	5450	205
1×120	24.5	1626	339	4×120	53.2	6692	237
1×150	27.0	1982	389	4×150	58.6	8195	272
1×185	30.5	2403	444	5×1	15.0	303	10
1×240	33.0	3026	522	7×1	16.0	360	9
1×300	36.0	3693	601	10×1	20.0	505	8
2×1	12.5	174	14	12×1	20.8	554	8
2×1.5	12.8	196	20	14×1	21.8	595	7
2×2.5	13.6	268	26	16×1	22.6	654	7
2×4	15.0	323	34	19×1	24.0	751	7
2×6	16.2	391	44	24×1	27.6	933	6
2×10	19.0	518	61	27×1	28.5	979	6
2×16	21.5	691	82	30×1	29.5	1057	5
2×25	25.0	978	108	33×1	30.2	1161	5
2×35	28.0	1246	133	37×1	31.5	1262	5
2×50	31.0	1634	167	5×1.5	15.5	348	13
2×70	35.5	2166	206	7×1.5	16.5	431	12
2×95	40.5	2873	249	10×1.5	21.0	591	11
2×120	44.2	3514	288	12×1.5	21.6	636	10
2×150	48.0	4316	331	14×1.5	22.5	706	10
2×185	53.0	5212	377	16×1.5	24.0	798	9

CJPF86/NC CJPF96/NC 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1	13.0	201	13	19×1.5	25.0	897	9
3×1.5	13.5	259	16	24×1.5	29.2	1097	8
3×2.5	14.5	327	21	27×1.5	29.6	1182	8
3×4	16.0	401	28	30×1.5	30.8	1303	7
3×6	17.5	494	36	33×1.5	31.8	1406	7
3×10	20.2	667	50	37×1.5	33.2	1508	7
3×16	22.5	906	67	5×2.5	17.0	447	17
3×25	26.8	1302	89	7×2.5	18.5	545	16
3×35	30.0	1654	110	10×2.5	23.5	738	14
3×50	33.2	2200	137	12×2.5	24.0	823	13
3×70	38.5	3072	169	14×2.5	25.0	939	13
3×95	43.5	3959	205	16×2.5	26.5	1041	12
3×120	47.5	4815	237	19×2.5	28.0	1158	11
3×150	52.2	5820	272	24×2.5	32.5	1453	10
3×185	56.0	7200	311	27×2.5	33.0	1601	10
3×240	66.0	9950	365	30×2.5	34.5	1738	9
/	/	/	/	33×2.5	35.5	1853	9
/	/	/	/	37×2.5	37.0	2031	9

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

CBPJP86/SC(VFD)

Armored Power Cable with EMC Screening

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 5
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Inner Covering	Separator Tape
Screen	Copper tape, coverage 100%
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black
Core Color Identification	1C: not specified 3C: white, red, blue 3C+E: white, red, blue + green/yellow 3C+3E: white, red, blue + 3 green/yellow

Application

For fixed installation in most areas and on open deck in ships. Design to meet requirements for Variable Frequency Drivers (VFD). Suitable for voltage peaks up to 3kV.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 10xD
- **Rating Voltage** 0.6/1kV or 1.8/3kV

Sheath Printing

Honest Cable CBPJP86/SC(VFD) Size Voltage IEC 60332-3-22 Meter Mark Year

CBPJP86/SC(VFD) 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×4	7.5	203	3×2.5	11.0	213	3×2.5+3×1	12.7	289
1×6	8.8	256	3×4	12.2	274	3×4+3×1	14.2	387
1×10	9.8	363	3×6	14.0	380	3×6+3×1.5	15.3	480
1×16	11.0	447	3×10	16.0	542	3×10+3×2.5	17.5	657
1×25	13.2	582	3×16	18.5	767	3×16+3×4	20.2	931
1×35	15.0	713	3×25	22.5	1135	3×25+3×6	23.4	1327
1×50	17.5	943	3×35	25.0	1450	3×35+3×6	25.0	1614
1×70	19.2	1208	3×50	28.5	1926	3×50+3×10	29.0	2213
1×95	21.2	1521	3×70	32.5	2562	3×70+3×16	33.0	3040
1×120	23.5	1865	3×95	37.2	3548	3×95+3×16	37.2	3970
1×150	25.8	2249	3×120	42.5	4384	3×120+3×25	42.5	5072
1×185	28.0	2706	3×150	46.4	5400	3×150+3×25	46.4	6061
1×240	31.2	3391	3×185	51.8	6650	3×185+3×35	51.8	7534
1×300	34.0	4280	3×240	57.8	8545	3×240+3×50	57.8	9768
/	/	/	3×300	63.8	10467	3×300+3×50	63.8	11691

※ 4C & 3C+E cable is available as requested.

CBPJP86/SC(VFD) 1.8/3kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×10	12.6	415	3×10	22.2	780	3×10+3×2.5	22.5	852
1×16	13.8	508	3×16	24.8	1032	3×16+3×4	25.2	1143
1×25	16	656	3×25	27.8	1382	3×25+3×6	28.1	1545
1×35	17.5	800	3×35	30.1	1714	3×35+3×6	30.5	1877
1×50	19.6	1053	3×50	32.9	2176	3×50+3×10	33.3	2445
1×70	21	1345	3×70	36.8	2902	3×70+3×16	37.2	3320
1×95	23.2	1689	3×95	41.3	3839	3×95+3×16	41.3	4260
1×120	25.3	2057	3×120	45.3	4645	3×120+3×25	45.3	5300
1×150	27.2	2490	3×150	49.0	5623	3×150+3×25	49.0	6280
1×185	28.7	2993	3×185	53.3	6783	3×185+3×35	53.3	7670
1×240	31.8	3746	3×240	58.9	8656	3×240+3×50	58.9	9880
1×300	34.8	4690	3×300	64.5	10549	3×300+3×50	64.5	11770

※ 4C & 3C+E cable is available as requested.

CBPJP86/NC(VFD)

Fire Resistant Armored Power Cable with EMC Screening

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 5
Fire-proof Layer	Mica Tape
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Inner Covering	Separator Tape
Screen	Copper tape, coverage 100%
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color Identification	1C: not specified 3C: white, red, blue 3C+E: white, red, blue + green/yellow 3C+3E: white, red, blue + 3 green/yellow

Application

For fixed installation in most areas and on open deck in ships. Design to meet requirements for Variable Frequency Drivers (VFD). Suitable for voltage peaks up to 3kV.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 10xD
- **Rating Voltage** 0.6/1kV or 1.8/3kV

Sheath Printing

Honest Cable CBPJP86/NC(VFD) Size Voltage IEC 60331 & IEC 60332-3-22 Meter Mark Year

CBPJP86/NC(VFD) 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×4	7.6	210	3×2.5	12.4	252	3×2.5+3×1	15.3	394
1×6	9.0	260	3×4	13.9	343	3×4+3×1	16.0	453
1×10	10.0	370	3×6	15.2	427	3×6+3×1.5	17.5	564
1×16	11.2	460	3×10	17.6	604	3×10+3×2.5	19.8	752
1×25	13.5	595	3×16	20.0	832	3×16+3×4	22.1	1026
1×35	15.2	730	3×25	23.8	1198	3×25+3×6	25.6	1440
1×50	17.8	960	3×35	26.2	1520	3×35+3×6	27.0	1723
1×70	19.5	1230	3×50	29.7	2003	3×50+3×10	31.1	2349
1×95	21.5	1550	3×70	33.8	2666	3×70+3×16	35.9	3275
1×120	24.0	1870	3×95	38.7	3668	3×95+3×16	38.7	4108
1×150	26.2	2270	3×120	44.5	4495	3×120+3×25	44.5	5255
1×185	28.5	2726	3×150	47.7	5524	3×150+3×25	47.7	6202
1×240	31.6	3416	3×185	53.1	6780	3×185+3×35	53.1	7690
1×300	34.5	4320	3×240	59.2	8670	3×240+3×50	59.2	9941
/	/	/	3×300	65.5	10660	3×300+3×50	65.5	11913

※ 4C & 3C+E cable is available as requested.

CBPJP86/NC(VFD) 1.8/3kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×10	12.7	425	3×10	23.7	846	3×10+3×2.5	24.0	927
1×16	14.0	520	3×16	26.1	1099	3×16+3×4	26.4	1221
1×25	16.1	670	3×25	29.2	1456	3×25+3×6	29.5	1630
1×35	17.8	820	3×35	31.5	1794	3×35+3×6	31.8	1968
1×50	19.9	1080	3×50	34.2	2262	3×50+3×10	34.5	2543
1×70	21.3	1370	3×70	38.2	3019	3×70+3×16	38.5	3454
1×95	23.5	1720	3×95	42.6	3946	3×95+3×16	42.6	4386
1×120	25.6	2090	3×120	46.8	4786	3×120+3×25	46.8	5465
1×150	27.6	2520	3×150	50.5	5748	3×150+3×25	50.5	6426
1×185	29.0	3110	3×185	54.8	6948	3×185+3×35	54.8	7859
1×240	32.2	3790	3×240	60.4	8837	3×240+3×50	60.4	10088
1×300	34.8	4730	3×300	66.0	10745	3×300+3×50	66.0	11997

※ 4C & 3C+E cable is available as requested.

CBYR/DC 0.6/1kV

Flexible Ship Switchboard Wire

Cable Structure

Conductor	Stranded Tinned Copper Wire, IEC 60228, Class 5
Insulation	- HF90 Plastic as per IEC 60092-360 - Color: Black or other colors on request
Combustion Property	Flame Retardant: IEC 60332-1 Halogen Free: IEC 60754-1/2 Low Smoke: IEC 61034-1/2
Temperature Rating	Working Temperature - 20℃ / +90℃ Min. Recommended Installation Temperature -15℃

Application

For fixed wiring in switchboards, control panels and other enclosures.

Size (mm²)	Nominal Diameter(mm)	Approx. Weight (kgs/km)	Currant Rating A at +45℃
1×0.5	4.3	26	11
1×0.75	4.5	29	14
1×1	4.7	34	17
1×1.5	5.0	40	22
1×2.5	5.4	54	30
1×4	6.0	71	39
1×6	6.5	94	50
1×10	7.5	138	71
1×16	8.6	200	94
1×25	10.3	295	123
1×35	11.5	399	153
1×50	13.0	540	196
1×70	14.5	721	240
1×95	16.6	991	284
1×120	18.8	1234	331

CJPF/SC FLEX 0.6/1kV

Unarmored Flexible Ship Power and Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 5
Insulation	XLPE
Cabling	Optional fillers & Tape may be used to obtain round cable
Covering	Separator Tape
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color 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

Application

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

Main Characteristics

- **Design** — IEC 60092-350, IEC 60092-353
- **Material (XLPE, SHF1)** — IEC 60092-360
- **Flame Retardant** — IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** — IEC 60754 Series
- **Smoke Emission** — IEC 61034 Series
- **Working Temperature** — - 20℃ / +90℃
- **Min. Recommended Installation Temperature** — -15℃
- **Min Bending Radius(Fixed)** — For cables D≤ 25 mm 4xD
For cables D＞25 mm 6xD
- **Testing Voltage** — 3.5kV

Sheath Printing

Honest Cable CJPF/SC FLEX Size 0.6/1kV IEC 60332-3-22 Meter Mark Year

CJPF/SC FLEX 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
1×1.0	5.0	36	18	4×1	9.2	102	13
1×1.5	5.2	40	23	4×1.5	10.2	138	16
1×2.5	5.7	55	30	4×2.5	11.2	185	21
1×4	6.5	70	40	4×4	12.8	270	28
1×6	7.2	95	52	4×6	14.6	390	36
1×10	8.8	142	72	4×10	18.4	569	50
1×16	9.9	205	94	4×16	21.5	820	66
1×25	11.7	296	123	4×25	25.6	1265	86
1×35	13.6	398	153	4×35	30.0	1690	107
1×50	15.8	559	196	4×50	35.0	2390	137
1×70	18.0	774	240	4×70	40.5	3315	168
1×95	19.8	992	284	4×95	45.0	4320	199
1×120	21.6	1255	331	4×120	59.6	5450	232
1×150	24.0	1559	381	4×150	55.6	6915	267
1×185	27.2	1916	429	5×1	10.0	113	10
1×240	30.0	2488	507	7×1	11.0	147	9
1×300	32.4	3073	582	10×1	14.0	210	8
2×1.0	8.0	66	14	12×1	14.5	243	8
2×1.5	8.5	83	20	14×1	15.0	277	7
2×2.5	9.5	118	26	16×1	16.0	313	7
2×4	10.6	160	34	19×1	17.0	364	7
2×6	12.5	240	44	24×1	20.0	461	6
2×10	15.0	360	61	27×1	20.5	509	6
2×16	18.0	515	80	30×1	21.0	559	5
2×25	21.5	790	105	33×1	22.5	611	5
2×35	25.0	970	130	37×1	23.0	678	5
2×50	29.8	1350	167	5×1.5	11.0	143	13
2×70	34.0	1866	204	7×1.5	12.0	189	12
2×95	37.0	2381	241	10×1.5	15.0	271	11
2×120	40.0	2983	281	12×1.5	15.5	314	10
2×150	45.0	3850	324	14×1.5	16.5	360	10
2×185	50.0	4598	365	16×1.5	17.5	407	9

CJPF/SC FLEX 0.6/1kV

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Currant Rating A at +45 C
3×1.0	8.4	75	13	19×1.5	18.5	474	9
3×1.5	9.0	94	16	24×1.5	22.0	601	8
3×2.5	10.5	130	21	27×1.5	22.5	665	8
3×4	12.0	184	28	30×1.5	23.0	733	7
3×6	13.5	275	36	33×1.5	24.0	801	7
3×10	16.0	440	50	37×1.5	25.0	891	7
3×16	19.2	625	66	5×2.5	12.0	202	17
3×25	23.0	957	86	7×2.5	13.5	269	16
3×35	27.4	1300	107	10×2.5	17.0	385	14
3×50	32.0	1834	137	12×2.5	17.5	450	13
3×70	36.7	2543	168	14×2.5	18.5	517	13
3×95	38.2	3262	199	16×2.5	19.5	586	12
3×120	44.5	4123	232	19×2.5	21.0	686	11
3×150	49.8	5115	267	24×2.5	25.0	870	10
3×185	56.5	6350	300	27×2.5	25.5	966	10
3×240	63.0	8460	355	30×2.5	26.5	1065	9
/	/	/	/	33×2.5	27.5	1167	9
/	/	/	/	37×2.5	29.0	1289	9

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

CHJ86/SC 250V

TCWB Armored Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJ86/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CHJ86/SC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	7.2	79	1×2×1.0	7.6	90
2×2×0.75	10.0	132	2×2×1.0	10.6	153
3×2×0.75	10.5	147	3×2×1.0	11.2	173
4×2×0.75	11.3	178	4×2×1.0	12.1	211
5×2×0.75	12.3	211	5×2×1.0	13.1	252
7×2×0.75	13.3	254	7×2×1.0	14.5	315
10×2×0.75	17.0	360	10×2×1.0	18.3	438
12×2×0.75	17.3	398	12×2×1.0	18.6	488
14×2×0.75	18.1	443	14×2×1.0	19.7	556
16×2×0.75	19.0	499	16×2×1.0	20.1	627
19×2×0.75	20.2	562	19×2×1.0	22.0	710
24×2×0.75	23.2	696	24×2×1.0	25.3	881
27×2×0.75	23.7	754	27×2×1.0	25.8	958
30×2×0.75	24.7	828	30×2×1.0	26.7	1040
33×2×0.75	25.6	903	33×2×1.0	27.9	1149
37×2×0.75	26.5	974	37×2×1.0	28.9	1245
1×2×1.5	8.6	113	1×2×2.5	9.4	145
2×2×1.5	12.3	198	2×2×2.5	13.9	275
3×2×1.5	12.9	222	3×2×2.5	14.7	318
4×2×1.5	14.4	293	4×2×2.5	16.0	398
5×2×1.5	15.7	353	5×2×2.5	17.6	491
7×2×1.5	17.2	426	7×2×2.5	19.4	606
10×2×1.5	22.0	604	10×2×2.5	24.8	858
12×2×1.5	22.3	675	12×2×2.5	25.2	973
14×2×1.5	23.5	758	14×2×2.5	26.5	1100
16×2×1.5	24.9	872	16×2×2.5	28.1	1265
19×2×1.5	26.2	973	19×2×2.5	29.6	1426
24×2×1.5	30.4	1223	24×2×2.5	34.4	1795
27×2×1.5	31.1	1334	27×2×2.5	35.5	2028
30×2×1.5	32.2	1452	30×2×2.5	36.8	2213
33×2×1.5	33.6	1605	33×2×2.5	38.4	2442
37×2×1.5	35.1	1783	37×2×2.5	39.9	2663

CHJ86/NC 250V

Fire Resistant Armored Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Fire-proof Layer	Mica Tape
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJ86/NC Size 150/250V IEC 60331 & IEC 60332-3-22 Meter Mark Year

CHJ86/NC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	8.6	105	1×2×1.0	9.0	117
2×2×0.75	12.3	180	2×2×1.0	12.9	202
3×2×0.75	12.9	195	3×2×1.0	13.9	239
4×2×0.75	14.4	255	4×2×1.0	15.2	292
5×2×0.75	15.7	309	5×2×1.0	16.7	362
7×2×0.75	17.2	363	7×2×1.0	18.2	423
10×2×0.75	22.0	514	10×2×1.0	23.3	599
12×2×0.75	22.3	567	12×2×1.0	23.7	667
14×2×0.75	23.5	633	14×2×1.0	25.1	758
16×2×0.75	24.9	729	16×2×1.0	26.4	860
19×2×0.75	26.2	803	19×2×1.0	28.0	967
24×2×0.75	30.4	1008	24×2×1.0	32.3	1198
27×2×0.75	31.1	1092	27×2×1.0	33.2	1319
30×2×0.75	32.2	1183	30×2×1.0	34.4	1432
33×2×0.75	33.6	1309	33×2×1.0	36.1	1626
37×2×0.75	35.1	1452	37×2×1.0	37.5	1756
1×2×1.5	9.8	138	1×2×2.5	10.8	175
2×2×1.5	14.5	259	2×2×2.5	16.2	332
3×2×1.5	15.4	289	3×2×2.5	17.3	384
4×2×1.5	17.0	363	4×2×2.5	18.9	478
5×2×1.5	18.5	445	5×2×2.5	20.9	600
7×2×1.5	20.3	531	7×2×2.5	23.0	728
10×2×1.5	26.1	752	10×2×2.5	29.6	1033
12×2×1.5	26.5	841	12×2×2.5	30.3	1182
14×2×1.5	28.1	958	14×2×2.5	31.9	1334
16×2×1.5	29.6	1091	16×2×2.5	33.8	1539
19×2×1.5	31.4	1228	19×2×2.5	36.0	1783
24×2×1.5	36.7	1586	24×2×2.5	41.8	2235
27×2×1.5	37.5	1726	27×2×2.5	42.7	2445
30×2×1.5	39.0	1893	30×2×2.5	44.5	2685
33×2×1.5	40.5	2072	33×2×2.5	46.4	2966
37×2×1.5	42.3	2261	37×2×2.5	48.2	3221

CHJP86/SC 250V

Armored Individual Screen Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJP86/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CHJP86/SC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	7.8	95	1×2×1.0	8.2	107
2×2×0.75	11.3	166	2×2×1.0	12.0	189
3×2×0.75	11.9	181	3×2×1.0	12.7	209
4×2×0.75	13.0	216	4×2×1.0	14.1	267
5×2×0.75	14.4	290	5×2×1.0	15.4	338
7×2×0.75	15.6	330	7×2×1.0	16.9	397
10×2×0.75	20.0	468	10×2×1.0	21.4	552
12×2×0.75	20.3	519	12×2×1.0	22.0	627
14×2×0.75	21.3	579	14×2×1.0	23.1	702
16×2×0.75	22.6	672	16×2×1.0	24.3	804
19×2×0.75	23.8	737	19×2×1.0	25.8	899
24×2×0.75	27.7	928	24×2×1.0	29.7	1115
27×2×0.75	28.3	1007	27×2×1.0	30.6	1229
30×2×0.75	29.3	1092	30×2×1.0	31.7	1336
33×2×0.75	30.6	1215	33×2×1.0	33.0	1483
37×2×0.75	31.7	1303	37×2×1.0	34.3	1598
1×2×1.5	9.2	145	1×2×2.5	10.0	179
2×2×1.5	14.1	258	2×2×2.5	15.5	330
3×2×1.5	15.2	313	3×2×2.5	17.2	408
4×2×1.5	16.8	377	4×2×2.5	19.0	499
5×2×1.5	18.3	444	5×2×2.5	20.8	592
7×2×1.5	20.1	554	7×2×2.5	22.8	751
10×2×1.5	25.8	783	10×2×2.5	29.6	1067
12×2×1.5	26.6	881	12×2×2.5	30.5	1212
14×2×1.5	28.2	991	14×2×2.5	32.3	1370
16×2×1.5	30.0	1106	16×2×2.5	34.1	1535
19×2×1.5	31.5	1263	19×2×2.5	36.1	1765
24×2×1.5	34.6	1682	24×2×2.5	40.0	2334
27×2×1.5	36.4	1825	27×2×2.5	41.0	2445
30×2×1.5	37.7	1985	30×2×2.5	42.5	2602
33×2×1.5	39.4	2024	30×2×2.6	44.5	2886
37×2×1.5	41.1	2359	37×2×2.5	46.5	3150

CHJP86/NC 250V

Fire Resistant & Armored Individual Screen Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Fire-proof Layer	Mica Tape
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Armor / Shield	Tinned copper wire braid (TCWB)
Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Orange
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJP86/NC Size 150/250V IEC 60331 & IEC 60332-3-22 Meter Mark Year

CHJP86/NC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	9.5	122	1×2×1.0	9.9	133
2×2×0.75	14.5	211	2×2×1.0	15.0	230
3×2×0.75	15.3	251	3×2×1.0	16.0	281
4×2×0.75	16.7	299	4×2×1.0	17.8	335
5×2×0.75	18.5	348	5×2×1.0	19.3	392
7×2×0.75	20.0	425	7×2×1.0	21.2	483
10×2×0.75	26.0	596	10×2×1.0	27.3	680
12×2×0.75	27.0	663	12×2×1.0	28.2	760
14×2×0.75	28.3	739	14×2×1.0	30.0	850
16×2×0.75	30.0	820	16×2×1.0	31.5	945
19×2×0.75	31.6	929	19×2×1.0	33.5	1074
24×2×0.75	37.5	1171	24×2×1.0	39.5	1550
27×2×0.75	38.2	1265	27×2×1.0	40.5	1700
30×2×0.75	40.0	1373	30×2×1.0	42.0	1843
33×2×0.75	41.5	1747	33×2×1.0	43.5	2048
37×2×0.75	43.2	1888	37×2×1.0	45.6	2218
1×2×1.5	11.0	159	1×2×2.5	11.8	194
2×2×1.5	16.5	291	2×2×2.5	18.5	360
3×2×1.5	17.8	353	3×2×2.5	19.7	452
4×2×1.5	19.2	426	4×2×2.5	21.6	551
5×2×1.5	21.4	502	5×2×2.5	24.0	656
7×2×1.5	23.5	626	7×2×2.5	26.2	830
10×2×1.5	30.2	888	10×2×2.5	31.0	1184
12×2×1.5	31.4	996	12×2×2.5	35.2	1343
14×2×1.5	33.0	1122	14×2×2.5	37.2	1517
16×2×1.5	35.0	1253	16×2×2.5	39.5	1787
19×2×1.5	37.2	1431	19×2×2.5	41.7	2045
24×2×1.5	42.3	1908	24×2×2.5	47.8	2587
27×2×1.5	43.2	2069	27×2×2.5	49.1	2818
30×2×1.5	45.0	2250	30×2×2.5	50.9	3076
33×2×1.5	47.0	2536	33×2×2.5	53.1	3495
37×2×1.5	49.0	2749	37×2×2.5	55.3	3676

CHJPFP86/SC 250V

TCWB Armored Individual Screen Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPFP86/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CHJPFP96/SC 250V

GSWB Armored Individual Screen Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Galvanized steel wire braided (GSWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPFP96/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CHJPFP86/SC CHJPFP96/SC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	10.8	170	1×2×1.0	11.8	210
2×2×0.75	14.5	259	2×2×1.0	16.2	284
3×2×0.75	15.4	295	3×2×1.0	17.0	327
4×2×0.75	16.5	341	4×2×1.0	18.5	380
5×2×0.75	18.0	389	5×2×1.0	20.2	436
7×2×0.75	19.6	462	7×2×1.0	22.2	522
10×2×0.75	24.7	628	10×2×1.0	27.7	714
12×2×0.75	25.4	688	12×2×1.0	28.5	788
14×2×0.75	26.7	759	14×2×1.0	30.0	871
16×2×0.75	28.0	834	16×2×1.0	31.8	961
19×2×0.75	29.6	933	19×2×1.0	33.2	1079
24×2×0.75	34.5	1158	24×2×1.0	39.0	1384
27×2×0.75	35.5	1281	27×2×1.0	40.0	1487
30×2×0.75	36.6	1379	30×2×1.0	41.0	1689
33×2×0.75	37.5	1562	33×2×1.0	42.0	1855
37×2×0.75	39.5	1693	37×2×1.0	43.0	1971
1×2×1.5	12.2	243	1×2×2.5	13.2	285
2×2×1.5	17.0	347	2×2×2.5	19.0	428
3×2×1.5	18.0	406	3×2×2.5	20.3	512
4×2×1.5	19.8	478	4×2×2.5	22.0	611
5×2×1.5	21.5	553	5×2×2.5	24.2	714
7×2×1.5	23.3	672	7×2×2.5	26.3	883
10×2×1.5	29.4	930	10×2×2.5	33.5	1234
12×2×1.5	30.4	1033	12×2×2.5	34.6	1423
14×2×1.5	32.0	1150	14×2×2.5	36.4	1592
16×2×1.5	33.7	1274	16×2×2.5	38.5	1854
19×2×1.5	35.7	1481	19×2×2.5	40.8	2101
24×2×1.5	41.8	1941	24×2×2.5	48.0	2683
27×2×1.5	42.8	2089	27×2×2.5	49.0	2902
30×2×1.5	44.5	2259	30×2×2.5	51.0	3147
33×2×1.5	46.0	2500	33×2×2.5	52.5	3360
37×2×1.5	48.0	2710	37×2×2.5	54.0	3618

CHJPFP86/NC 250V

Fire Resistant & TCWB Armored Individual Screen Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Fire-proof Layer	Mica Tape
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPFP86/NC Size 150/250V IEC 60331 & IEC 60332-3-22 Meter Mark Year

CHJPFP96/NC 250V

Fire Resistant & GSWB Armored Individual Screen Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Fire-proof Layer	Mica Tape
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Individual Screen	Plastic coated aluminium tape with a tinned copper drain wire
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Galvanized steel wire braided (GSWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 8xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPFP96/NC Size 150/250kV IEC 60331 & IEC 60332-3-22 Meter Mark Year

CHJPFP86/NC CHJPFP96/NC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	12.2	181	1×2×1.0	12.6	193
2×2×0.75	17.0	295	2×2×1.0	17.8	321
3×2×0.75	18.0	338	3×2×1.0	18.7	371
4×2×0.75	19.0	392	4×2×1.0	20.6	432
5×2×0.75	21.5	448	5×2×1.0	22.6	497
7×2×0.75	23.2	533	7×2×1.0	24.5	597
10×2×0.75	29.5	731	10×2×1.0	31.0	822
12×2×0.75	30.3	802	12×2×1.0	32.0	906
14×2×0.75	32.0	885	14×2×1.0	33.5	1003
16×2×0.75	34.0	974	16×2×1.0	35.6	1107
19×2×0.75	35.7	1091	19×2×1.0	37.5	1284
24×2×0.75	41.5	1487	24×2×1.0	44.0	1690
27×2×0.75	43.0	1587	27×2×1.0	45.3	1809
30×2×0.75	44.6	1707	30×2×1.0	47.0	1950
33×2×0.75	46.0	1850	33×2×1.0	48.5	2100
37×2×0.75	48.2	1985	37×2×1.0	50.8	2331
1×2×1.5	13.6	257	1×2×2.5	14.5	300
2×2×1.5	19.5	386	2×2×2.5	21.6	469
3×2×1.5	20.6	453	3×2×2.5	22.8	562
4×2×1.5	22.5	534	4×2×2.5	25.0	671
5×2×1.5	24.5	620	5×2×2.5	27.5	786
7×2×1.5	27.0	754	7×2×2.5	30.0	972
10×2×1.5	34.2	1049	10×2×2.5	38.2	1405
12×2×1.5	35.2	1164	12×2×2.5	39.6	1654
14×2×1.5	37.0	1337	14×2×2.5	41.8	1845
16×2×1.5	39.5	1479	16×2×2.5	43.8	2046
19×2×1.5	41.6	1756	19×2×2.5	46.5	2317
24×2×1.5	48.6	2245	24×2×2.5	55.0	2965
27×2×1.5	50.5	2413	27×2×2.5	56.5	3205
30×2×1.5	52.0	2606	30×2×2.5	58.6	3476
33×2×1.5	54.0	2800	33×2×2.5	61.0	3900
37×2×1.5	56.5	3058	37×2×2.5	63.4	4109

CHJPF86/SC 250V

TCWB Armored Ship Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPF86/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CHJPF86/SC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	9.4	138	1×2×1.0	9.8	153
2×2×0.75	12.2	213	2×2×1.0	13.0	244
3×2×0.75	12.9	237	3×2×1.0	13.7	268
4×2×0.75	13.8	284	4×2×1.0	14.6	314
5×2×0.75	14.8	326	5×2×1.0	15.2	343
7×2×0.75	15.7	362	7×2×1.0	16.7	426
10×2×0.75	19.4	495	10×2×1.0	20.7	583
12×2×0.75	19.7	537	12×2×1.0	21.0	636
14×2×0.75	20.5	589	14×2×1.0	22.3	726
16×2×0.75	21.8	673	16×2×1.0	23.7	824
19×2×0.75	22.8	738	19×2×1.0	24.8	906
24×2×0.75	26.0	909	24×2×1.0	28.7	1149
27×2×0.75	26.5	974	27×2×1.0	29.2	1231
30×2×0.75	27.7	1076	30×2×1.0	30.1	1323
33×2×0.75	29.0	1187	33×2×1.0	31.1	1428
37×2×0.75	29.9	1271	37×2×1.0	32.1	1534
1×2×1.5	10.8	181	1×2×2.5	11.6	220
2×2×1.5	14.8	309	2×2×2.5	16.2	372
3×2×1.5	15.4	338	3×2×2.5	16.9	437
4×2×1.5	16.6	402	4×2×2.5	18.6	544
5×2×1.5	18.3	488	5×2×2.5	20.0	641
7×2×1.5	19.6	555	7×2×2.5	22.0	774
10×2×1.5	24.8	791	10×2×2.5	27.8	1099
12×2×1.5	25.1	866	12×2×2.5	28.2	1244
14×2×1.5	26.3	959	14×2×2.5	29.9	1385
16×2×1.5	27.9	1096	16×2×2.5	31.3	1545
19×2×1.5	29.6	1236	19×2×2.5	33.2	1757
24×2×1.5	34.2	1561	24×2×2.5	38.2	2199
27×2×1.5	35.1	1719	27×2×2.5	39.7	2461
30×2×1.5	36.2	1850	30×2×2.5	41.0	2662
33×2×1.5	37.4	2001	33×2×2.5	42.4	2889
37×2×1.5	39.5	2232	37×2×2.5	43.9	3127

CHJPF86/NC 250V

Fire Resistant & TCWB Armored Communication Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Fire-proof Layer	Mica Tape
Insulation	XLPE
Twisted Pair/Triple	Insulated cores twisted together to form a pair/triple
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	-pair: white, red or blue printed with black number -triple: white, red, blue printed with black number

Application

For fixed installation in most areas and interconnection of Telecommunication & instrumentation on shipboard.

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Fire Resistant** IEC 60331-21, IEC 60331-1-2
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CHJPF86/NC Size 150/250V IEC 60331 & IEC 60332-3-22 Meter Mark Year

CHJPF86/NC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
1×2×0.75	10.8	176	1×2×1.0	11.2	191
2×2×0.75	14.8	294	2×2×1.0	15.4	321
3×2×0.75	15.4	314	3×2×1.0	16.1	348
4×2×0.75	16.6	375	4×2×1.0	17.4	435
5×2×0.75	18.3	456	5×2×1.0	19.1	508
7×2×0.75	19.6	504	7×2×1.0	20.6	571
10×2×0.75	24.8	718	10×2×1.0	26.1	814
12×2×0.75	25.1	774	12×2×1.0	26.5	886
14×2×0.75	26.3	850	14×2×1.0	28.1	1035
16×2×0.75	27.9	971	16×2×1.0	29.8	1143
19×2×0.75	29.6	1084	19×2×1.0	31.2	1251
24×2×0.75	34.2	1369	24×2×1.0	36.3	1604
27×2×0.75	35.1	1483	27×2×1.0	37.0	1716
30×2×0.75	36.2	1587	30×2×1.0	38.2	1843
33×2×0.75	37.4	1711	33×2×1.0	40.3	2075
37×2×0.75	39.5	1908	37×2×1.0	41.7	2221
1×2×1.5	11.8	211	1×2×2.5	13.0	260
2×2×1.5	16.7	380	2×2×2.5	18.8	484
3×2×1.5	18.0	434	3×2×2.5	19.7	535
4×2×1.5	19.4	512	4×2×2.5	21.7	669
5×2×1.5	20.9	604	5×2×2.5	23.9	820
7×2×1.5	23.3	732	7×2×2.5	25.8	941
10×2×1.5	29.5	1039	10×2×2.5	33.2	1377
12×2×1.5	29.9	1132	12×2×2.5	34.1	1550
14×2×1.5	31.3	1250	14×2×2.5	35.9	1720
16×2×1.5	33.2	1428	16×2×2.5	37.6	1943
19×2×1.5	35.4	1623	19×2×2.5	40.2	2231
24×2×1.5	40.9	2042	24×2×2.5	45.6	2706
27×2×1.5	41.7	2191	27×2×2.5	46.5	2923
30×2×1.5	43.0	2354	30×2×2.5	48.1	3161
33×2×1.5	44.5	2549	33×2×2.5	49.8	3437
37×2×1.5	46.1	2736	37×2×2.5	51.6	3709

CKJPF86/SC 250V

TCWB Armored Ship Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Tinned copper wire braid (TCWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CKJPF86/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CKJPF96/SC 250V

GSWB Armored Ship Control Cable

Cable Structure

Conductor	Stranded tinned copper wire, IEC 60228 Class 2
Insulation	XLPE
Cabling	Optional fillers may be used to obtain round cable
Covering	Separator Tape
Inner Sheath	Thermoplastic polyolefine compound (SHF1)
Armor / Shield	Galvanized steel wire braided (GSWB)
Outer Sheath	- Thermoplastic polyolefine compound (SHF1) - Color: Black or Grey
Core Color Identification	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

Application

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

Main Characteristics

- **Design** IEC 60092-350, IEC 60092-376
- **Material (XLPE, SHF1)** IEC 60092-360
- **Flame Retardant** IEC 60332-1-2 & IEC 60332-3-22,Cat.A
- **Halogen Free** IEC 60754 Series
- **Smoke Emission** IEC 61034 Series
- **Working Temperature** - 20℃ / +90℃
- **Min. Recommended Installation Temperature** -15℃
- **Min Bending Radius(Fixed)** 6xD
- **Rating Voltage** 150/250V
- **Test Voltage** 1.5kV

Sheath Printing

Honest Cable CKJPF96/SC Size 150/250V IEC 60332-3-22 Meter Mark Year

CKJPF86/SC CKJPF96/SC 250V

Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)	Number of Conductors×Size (mm²)	Nominal Outer Diameter (mm)	Gross Weight (kgs/km)
2×0.75	9.2	129	2×1.0	9.6	144
3×0.75	9.5	141	3×1.0	9.9	159
4×0.75	10.0	158	4×1.0	10.5	182
5×0.75	10.6	177	5×1.0	11.1	204
6×0.75	11.2	197	6×1.0	11.8	229
7×0.75	11.5	199	7×1.0	12.0	233
10×0.75	13.4	263	10×1.0	14.2	310
12×0.75	13.6	282	12×1.0	14.5	337
14×0.75	14.1	309	14×1.0	14.9	368
16×0.75	14.6	340	16×1.0	15.9	424
19×0.75	15.6	387	19×1.0	16.7	484
24×0.75	17.4	472	24×1.0	19.0	596
27×0.75	18.1	520	27×1.0	19.3	637
30×0.75	18.6	555	30×1.0	19.8	681
33×0.75	19.2	597	33×1.0	20.5	736
37×0.75	19.7	636	37×1.0	21.5	811
2×1.5	10.6	173	2×2.5	11.4	209
3×1.5	11.0	195	3×2.5	11.9	243
4×1.5	11.7	224	4×2.5	12.9	290
5×1.5	12.7	262	5×2.5	13.8	335
6×1.5	13.5	294	6×2.5	14.7	380
7×1.5	13.8	300	7×2.5	15.0	392
10×1.5	16.7	430	10×2.5	18.7	582
12×1.5	17.0	468	12×2.5	19.0	640
14×1.5	18.0	532	14×2.5	19.7	710
16×1.5	18.7	588	16×2.5	20.6	795
19×1.5	19.5	645	19×2.5	21.9	905
24×1.5	22.3	800	24×2.5	25.0	1121
27×1.5	22.7	881	27×2.5	25.4	1211
30×1.5	23.7	945	30×2.5	26.2	1310
33×1.5	24.5	1021	33×2.5	27.4	1450
37×1.5	25.2	1095	37×2.5	28.7	1594

Max. D.C Resistance of Conductor at 20℃ of Power Cables

Conductor Size	Conductor No./Diameter (mm)		D.C. Resistance of Tinned copper Conductor (Ω/km)	
mm²	Class 2 Conductor	Class 5 Conductor	Class 2 Conductor	Class 5 Conductor
0.5	7/0.30	16/0.20	36.70	40.10
0.75	7/0.37	24/0.20	24.80	26.70
1	7/0.43	32/0.20	18.20	20.00
1.5	7/0.52	30/0.25	12.20	13.70
2.5	7/0.68	49/0.25	7.56	8.21
4	7/0.85	56/0.30	4.70	5.09
6	7/1.04	84/0.30	3.11	3.39
10	7/1.35	84/0.40	1.84	1.95
16	7/1.7	126/0.40	1.16	1.24
25	7/2.14	196/0.40	0.734	0.795
35	19/1.53	276/0.40	0.529	0.565
50	19/1.78	396/0.40	0.391	0.393
70	19/2.14	360/0.50	0.270	0.277
95	19/2.52	475/0.50	0.195	0.210
120	37/2.03	608/0.50	0.154	0.164
150	37/2.25	756/0.50	0.126	0.132
185	37/2.52	925/0.50	0.100	0.108
240	61/2.25	1221/0.5	0.0762	0.0817
300	61/2.52	1525/0.50	0.0607	0.0654

Max. D.C Resistance of Conductor at 20℃ of Communication & Control Cables

Conductor Size	Conductor No./Diameter (mm)		D.C. Resistance of Tinned copper Conductor (Ω/km)	
mm²	Class 2 Conductor	Class 5 Conductor	Class 2 Conductor	Class 5 Conductor
0.5	7/0.30	16/0.20	41.60	42.50
0.8	7/0.37	24/0.20	26.30	38.30
1.0	7/0.43	32/0.20	19.30	21.20
1.5	7/0.52	30/0.25	12.90	14.50
2.5	7/0.68	49/0.25	8.02	8.71

Current Ratings for XLPE Cables at Ambient Temp. 45℃

Conductor Size(mm²)	Single Core (A)		Two Cores (A)		Three or Four Cores (A)		Five Cores (A)
	Class 2 conductor	Class 5 conductor	Class 2 conductor	Class 5 conductor	Class 2 conductor	Class 5 conductor	Class 2 conductor
0.75	13	/	11	/	9	/	7
1.0	18	/	14	/	13	/	10
1.5	23	/	20	/	16	/	13
2.5	30	/	26	/	21	/	17
4.0	40	/	34	/	28	/	23
6.0	52	/	44	/	36	/	30
10	72	/	61	/	50	/	42
16	96	94	82	80	67	66	56
25	127	123	108	105	89	86	/
35	157	153	133	130	110	107	/
50	196	196	167	167	137	137	/
70	242	240	206	204	169	168	/
95	293	284	249	241	205	199	/
120	339	331	288	281	237	232	/
150	389	381	331	324	272	267	/
185	444	429	377	365	311	300	/
240	522	507	444	431	365	355	/
300	601	582	511	495	421	407	/

Conductor Size(mm²)	7Cores (A)	10Cores (A)	12Cores (A)	14Cores (A)	16Cores (A)	19Cores (A)	24Cores (A)	27Cores (A)	37Cores (A)
1.5	12	11	10	9	9	9	8	8	7
2.5	16	14	13	12	12	12	11	10	9

Correction Factors for Ambient Temperatures

Insulation	Correction Factors for Ambient Temperature									
XLPE 90℃	35℃	40℃	45℃	50℃	55℃	60℃	65℃	70℃	75℃	80℃
	1.10	1.05	1.00	0.94	0.88	0.82	0.74	0.67	0.58	0.47

Reactance for Electrical Power Cables (60HZ,45℃)

Conductor Size (mm²)	Singe Core (Ω/km)	Two or Three Cores (Ω/km)
1.0	≤0.135	≤0.214
1.5	≤0.125	≤0.185
2.5	≤0.125	≤0.185
4.0	≤0.116	≤0.166
6.0	≤0.105	≤0.151
10	≤0.105	≤0.150
16	≤0.098	≤0.138
25	≤0.092	≤0.127
35	≤0.085	≤0.117
50	≤0.080	≤0.106
70	≤0.080	≤0.105
95	≤0.076	≤0.098
120	≤0.075	≤0.097
150	≤0.072	≤0.090
185	≤0.072	≤0.089
240	≤0.072	≤0.088
300	≤0.072	≤0.088

Electrical Characteristics for Communication & Control Cables

Conductor Size (mm²)	Inductance (mH/km)	Electric Capacitance(nF/km)		Reactance (Ω/km)	Loop Resistance (Ω/km)
		Individual Screen	Overall Screen		
0.75	≤0.8	≤65	≤50	≤0.245	≤53.2
1.0	≤0.75	≤70	≤60	≤0.221	≤39.1
1.5	≤0.7	≤75	≤65	≤0.196	≤24.4
2.5	≤0.65	≤80	≤70	≤0.178	≤14.6

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