Flame Retardant Instrumentation Cable 150/250V

Type: CHJ86/SC
CHJ85/SC

Standards applied

Design	：	IEC 60092-350、376
Conductor	：	IEC 60228
Insulation & sheath	：	IEC 60092-360
Flame Retardant	：	IEC 60332-1
Flame Retardant	：	IEC 60332-3-22
Halogen content	：	IEC60754
Smoke emission	：	IEC 61034
Fluorine content	：	IEC60684-2

Max.rated conductor temperature：90℃

Application

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

Construction

Components	Code	Material/description
Series code	CH	Shipboard Instrumentation cable
Conductor		Stranded tinned annealed copper, IEC 60228 Class 2
Insulation	J	XLPE, IEC 60092-360
Cabling		Flame retardant & non-hygroscopic fillers may be used
		Suitable tape(s) may be applied on the cabled core
Armor	8	Tinned copper wire braid (TCWB)
Outer sheath	6	Halogen-free flame retardant thermoplastic compound (SHF1)
	5	Halogen-free flame retardant thermoset compound (SHF2)
Flammability	SC	LSHF Flame retardant

CABLE TYPE: CHJ86/SC,CHJ85/SC 150/250V

No. of cores	Conductor			Thickness of Insulation	Dia.of wire for armour	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	±mm	kg/km
1x2	0.75	7	1.11	0.5	0.2	1.0	7.9	0.5	90
2x2	0.75	7	1.11	0.5	0.2	1.1	11.0	0.6	170
3x2	0.75	7	1.11	0.5	0.2	1.2	11.6	0.6	200
4x2	0.75	7	1.11	0.5	0.2	1.2	12.8	0.6	240
5x2	0.75	7	1.11	0.5	0.3	1.3	13.9	0.7	290
7x2	0.75	7	1.11	0.5	0.3	1.3	15.7	0.8	350
8x2	0.75	7	1.11	0.5	0.3	1.4	17.4	0.9	410
10x2	0.75	7	1.11	0.5	0.3	1.5	19.7	1.0	500
12x2	0.75	7	1.11	0.5	0.3	1.5	20.3	1.0	550
14x2	0.75	7	1.11	0.5	0.3	1.5	21.6	1.1	610
16x2	0.75	7	1.11	0.5	0.3	1.6	22.7	1.1	680
19x2	0.75	7	1.11	0.5	0.3	1.6	24.1	1.2	760
24x2	0.75	7	1.11	0.5	0.3	1.8	28.0	1.4	960
30x2	0.75	7	1.11	0.5	0.3	1.8	29.6	1.5	1120
33x2	0.75	7	1.11	0.5	0.3	1.9	30.9	1.5	1220
37x2	0.75	7	1.11	0.5	0.3	1.9	32.0	1.6	1330
1x2	1	7	1.29	0.5	0.2	1.1	8.3	0.5	110
2x2	1	7	1.29	0.5	0.2	1.2	11.7	0.6	200
3x2	1	7	1.29	0.5	0.2	1.2	12.6	0.6	230
4x2	1	7	1.29	0.5	0.3	1.3	13.6	0.7	310
5x2	1	7	1.29	0.5	0.3	1.3	15.5	0.8	340
7x2	1	7	1.29	0.5	0.3	1.4	16.7	0.8	420
8x2	1	7	1.29	0.5	0.3	1.4	18.7	0.9	470
10x2	1	7	1.29	0.5	0.3	1.5	21.4	1.1	570
12x2	1	7	1.29	0.5	0.3	1.5	22.1	1.1	640
14x2	1	7	1.29	0.5	0.3	1.6	23.1	1.2	720
16x2	1	7	1.29	0.5	0.3	1.6	24.5	1.2	800
19x2	1	7	1.29	0.5	0.3	1.7	25.7	1.3	920
24x2	1	7	1.29	0.5	0.3	1.9	30.2	1.5	1150
30x2	1	7	1.29	0.5	0.3	1.9	31.9	1.6	1350
33x2	1	7	1.29	0.5	0.3	2.0	33.3	1.7	1470
37x2	1	7	1.29	0.5	0.3	2.0	34.5	1.7	1600
1x2	1.5	7	1.56	0.6	0.2	1.1	9.5	0.5	130
2x2	1.5	7	1.56	0.6	0.3	1.3	13.5	0.7	290
3x2	1.5	7	1.56	0.6	0.3	1.3	14.3	0.7	340
4x2	1.5	7	1.56	0.6	0.3	1.3	16.3	0.8	400
5x2	1.5	7	1.56	0.6	0.3	1.4	17.9	0.9	440
7x2	1.5	7	1.56	0.6	0.3	1.5	19.4	1.0	550
8x2	1.5	7	1.56	0.6	0.3	1.5	22.0	1.1	630
10x2	1.5	7	1.56	0.6	0.3	1.7	24.9	1.2	780
12x2	1.5	7	1.56	0.6	0.3	1.7	25.7	1.3	870
14x2	1.5	7	1.56	0.6	0.3	1.7	27.1	1.4	970
16x2	1.5	7	1.56	0.6	0.3	1.8	28.5	1.4	1090
19x2	1.5	7	1.56	0.6	0.3	1.9	30.2	1.5	1250
24x2	1.5	7	1.56	0.6	0.3	2.0	35.5	1.8	1550
30x2	1.5	7	1.56	0.6	0.4	2.1	37.5	1.9	1960
33x2	1.5	7	1.56	0.6	0.4	2.2	39.7	2.0	2130
37x2	1.5	7	1.56	0.6	0.4	2.3	41.3	2.1	2340
1x2	2.5	7	2.04	0.6	0.2	1.1	10.3	0.5	160
2x2	2.5	7	2.04	0.6	0.3	1.3	15.6	0.8	370
3x2	2.5	7	2.04	0.6	0.3	1.3	16.4	0.8	440
4x2	2.5	7	2.04	0.6	0.3	1.4	18.1	0.9	540
5x2	2.5	7	2.04	0.6	0.3	1.5	19.7	1.0	590
7x2	2.5	7	2.04	0.6	0.3	1.5	21.7	1.1	740
8x2	2.5	7	2.04	0.6	0.3	1.6	24.4	1.2	860
10x2	2.5	7	2.04	0.6	0.3	1.8	27.7	1.4	1060
12x2	2.5	7	2.04	0.6	0.3	1.8	28.6	1.4	1200
14x2	2.5	7	2.04	0.6	0.3	1.9	30.2	1.5	1370
16x2	2.5	7	2.04	0.6	0.3	1.9	32.0	1.6	1520
19x2	2.5	7	2.04	0.6	0.3	2.0	33.7	1.7	1760
24x2	2.5	7	2.04	0.6	0.4	2.2	40.2	2.0	2330
30x2	2.5	7	2.04	0.6	0.4	2.3	42.6	2.1	2780
33x2	2.5	7	2.04	0.6	0.4	2.4	44.5	2.2	3030
37x2	2.5	7	2.04	0.6	0.4	2.4	46.3	2.3	3320

YUANYANG CABLES

CABLE TYPE: CHJ86/SC,CHJ85/SC 150/250V

No. of cores	Conductor			Thickness of Insulation	Dia.of wire for armour	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	±mm	kg/km
1X3	0.75	7	1.11	0.5	0.2	1.1	8.3	0.5	110
2X3	0.75	7	1.11	0.5	0.2	1.2	12.3	0.6	210
3X3	0.75	7	1.11	0.5	0.2	1.2	13.0	0.7	240
4X3	0.75	7	1.11	0.5	0.3	1.3	14.2	0.7	330
5X3	0.75	7	1.11	0.5	0.3	1.3	16.1	0.8	360
7X3	0.75	7	1.11	0.5	0.3	1.4	17.4	0.9	450
8X3	0.75	7	1.11	0.5	0.3	1.4	19.5	1.0	510
10X3	0.75	7	1.11	0.5	0.3	1.5	22.3	1.1	620
12X3	0.75	7	1.11	0.5	0.3	1.5	23.0	1.2	700
14X3	0.75	7	1.11	0.5	0.3	1.6	24.3	1.2	790
16X3	0.75	7	1.11	0.5	0.3	1.6	25.5	1.3	870
19X3	0.75	7	1.11	0.5	0.3	1.7	27.0	1.4	1010
24X3	0.75	7	1.11	0.5	0.3	1.8	31.5	1.6	1250
30X3	0.75	7	1.11	0.5	0.3	1.9	33.5	1.7	1490
33X3	0.75	7	1.11	0.5	0.3	2.0	34.8	1.7	1630
37X3	0.75	7	1.11	0.5	0.3	2.0	36.3	1.8	1780
1X3	1	7	1.29	0.5	0.2	1.1	8.7	0.5	130
2X3	1	7	1.29	0.5	0.3	1.3	13.1	0.7	310
3X3	1	7	1.29	0.5	0.3	1.3	13.8	0.7	360
4X3	1	7	1.29	0.5	0.3	1.4	15.8	0.8	430
5X3	1	7	1.29	0.5	0.3	1.4	17.1	0.9	470
7X3	1	7	1.29	0.5	0.3	1.5	18.7	0.9	590
8X3	1	7	1.29	0.5	0.3	1.6	21.2	1.1	680
10X3	1	7	1.29	0.5	0.3	1.7	24.0	1.2	830
12X3	1	7	1.29	0.5	0.3	1.7	24.7	1.2	930
14X3	1	7	1.29	0.5	0.3	1.8	25.9	1.3	1050
16X3	1	7	1.29	0.5	0.3	1.8	27.5	1.4	1170
19X3	1	7	1.29	0.5	0.3	1.9	28.9	1.4	1340
24X3	1	7	1.29	0.5	0.4	2.1	34.0	1.7	1800
30X3	1	7	1.29	0.5	0.4	2.2	36.1	1.8	2130
33X3	1	7	1.29	0.5	0.4	2.2	37.5	1.9	2290
37X3	1	7	1.29	0.5	0.4	2.3	39.6	2.0	2520
1X3	1.5	7	1.56	0.6	0.2	1.1	10.0	0.5	160
2X3	1.5	7	1.56	0.6	0.3	1.3	15.7	0.8	360
3X3	1.5	7	1.56	0.6	0.3	1.4	16.6	0.8	440
4X3	1.5	7	1.56	0.6	0.3	1.4	18.2	0.9	520
5X3	1.5	7	1.56	0.6	0.3	1.5	19.8	1.0	580
7X3	1.5	7	1.56	0.6	0.3	1.5	21.9	1.1	720
8X3	1.5	7	1.56	0.6	0.3	1.6	24.6	1.2	840
10X3	1.5	7	1.56	0.6	0.3	1.8	28.0	1.4	1040
12X3	1.5	7	1.56	0.6	0.3	1.8	28.9	1.4	1170
14X3	1.5	7	1.56	0.6	0.3	1.9	30.5	1.5	1330
16X3	1.5	7	1.56	0.6	0.3	1.9	32.3	1.6	1480
19X3	1.5	7	1.56	0.6	0.3	2.0	34.0	1.7	1710
24X3	1.5	7	1.56	0.6	0.4	2.2	40.5	2.0	2270
30X3	1.5	7	1.56	0.6	0.4	2.3	43.0	2.2	2700
33X3	1.5	7	1.56	0.6	0.4	2.4	44.9	2.2	2940
37X3	1.5	7	1.56	0.6	0.4	2.5	46.8	2.3	3240
1X3	2.5	7	2.04	0.6	0.2	1.1	10.8	0.5	200
2X3	2.5	7	2.04	0.6	0.3	1.4	17.2	0.9	480
3X3	2.5	7	2.04	0.6	0.3	1.4	18.4	0.9	570
4X3	2.5	7	2.04	0.6	0.3	1.5	20.1	1.0	710
5X3	2.5	7	2.04	0.6	0.3	1.6	22.3	1.1	790
7X3	2.5	7	2.04	0.6	0.3	1.6	24.4	1.2	1010
8X3	2.5	7	2.04	0.6	0.3	1.7	27.4	1.4	1170
10X3	2.5	7	2.04	0.6	0.3	1.9	31.2	1.6	1450
12X3	2.5	7	2.04	0.6	0.3	1.9	32.4	1.6	1650
14X3	2.5	7	2.04	0.6	0.3	2.0	34.0	1.7	1890
16X3	2.5	7	2.04	0.6	0.4	2.1	36.0	1.8	2230
19X3	2.5	7	2.04	0.6	0.4	2.2	38.6	1.9	2580
24X3	2.5	7	2.04	0.6	0.4	2.4	45.4	2.3	3240
30X3	2.5	7	2.04	0.6	0.4	2.5	48.3	2.4	3890
33X3	2.5	7	2.04	0.6	0.4	2.6	50.3	2.5	4240
37X3	2.5	7	2.04	0.6	0.4	2.7	52.4	2.6	4680
1x4	0.75	7	1.11	0.5	0.2	1.1	8.9	0.5	130
1x4	1	7	1.29	0.5	0.2	1.1	9.6	0.5	150
1x4	1.5	7	1.56	0.6	0.2	1.1	10.8	0.5	180
1x4	2.5	7	2.04	0.6	0.2	1.2	11.9	0.6	250

Flame Retardant Instrumentation Cable 150/250V

Type: CHJPF86/SC，CHJPJ85/SC
CHJPF96/SC，CHJPJ95/SC

Standards applied

Design	：	IEC 60092-350、376
Conductor	：	IEC 60228
Insulation & sheath	：	IEC 60092-360
Flame Retardant	：	IEC 60332-1
Flame Retardant	：	IEC 60332-3-22
Halogen content	：	IEC60754
Smoke emission	：	IEC 61034
Fluorine content	：	IEC60684-2

Max.rated conductor temperature：90℃

Application

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to me tallurgical insdustry, chemical works, power plant and mining etc.

Construction

Components	Code	Material/description
Series code	CH	Shipboard Instrumentation cable
Conductor		Stranded tinned annealed copper, IEC 60228 Class 2
Insulation	J	XLPE, IEC 60092-360
Cabling		Flame retardant & non-hygroscopic fillers may be used
		Suitable tape(s) may be applied on the cabled core
Inner sheath	PF	Halogen-free flame retardant thermoplastic compound (SHF1)
	PJ	Halogen-free flame retardant thermoset compound (SHF2)
Armor	8	Tinned copper wire braid (TCWB)
	9	Galvanized steel wire braided (GSWB)
Outer sheath	6	Halogen-free flame retardant thermoplastic compound (SHF1)
	5	Halogen-free flame retardant thermoset compound (SHF2)
Flammability	SC	LSHF Flame retardant

YUANYANG CABLES

CABLE TYPE: CHJPF86/SC，CHJPJ85/SC，CHJPF96/SC，CHJPJ95/SC　150/250V

No. of cores	Conductor			Thickness of Insulation	Thickness of inner sheath	Nominal dia. inner sheath	Dia.of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.						Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	mm	mm	±mm	kg/km
1x2	0.75	7	1.11	0.5	1.0	6.9	0.2	0.8	10.1	0.5	140
2x2	0.75	7	1.11	0.5	1.1	10.0	0.3	0.9	13.4	0.7	260
3x2	0.75	7	1.11	0.5	1.1	10.6	0.3	0.9	14.0	0.7	290
4x2	0.75	7	1.11	0.5	1.2	11.6	0.3	0.9	15.5	0.8	340
5x2	0.75	7	1.11	0.5	1.2	12.9	0.3	1.0	16.8	0.9	370
7x2	0.75	7	1.11	0.5	1.3	14.0	0.3	1.0	18.1	0.9	450
8x2	0.75	7	1.11	0.5	1.3	15.9	0.3	1.0	20.0	1.0	500
10x2	0.75	7	1.11	0.5	1.4	18.2	0.3	1.1	22.5	1.1	610
12x2	0.75	7	1.11	0.5	1.4	18.8	0.3	1.1	23.1	1.2	670
14x2	0.75	7	1.11	0.5	1.5	19.7	0.3	1.1	24.0	1.2	740
16x2	0.75	7	1.11	0.5	1.5	21.2	0.3	1.2	25.5	1.3	820
19x2	0.75	7	1.11	0.5	1.6	22.4	0.3	1.2	26.7	1.3	930
24x2	0.75	7	1.11	0.5	1.7	26.3	0.3	1.3	30.8	1.6	1150
30x2	0.75	7	1.11	0.5	1.8	28.1	0.3	1.3	33.0	1.7	1340
33x2	0.75	7	1.11	0.5	1.8	29.2	0.3	1.4	34.1	1.7	1450
37x2	0.75	7	1.11	0.5	1.9	30.5	0.4	1.4	35.4	1.8	1650
1x2	1	7	1.29	0.5	1.0	7.3	0.2	0.8	10.5	0.6	150
2x2	1	7	1.29	0.5	1.2	10.7	0.3	0.9	14.1	0.7	290
3x2	1	7	1.29	0.5	1.2	11.4	0.3	0.9	15.3	0.8	330
4x2	1	7	1.29	0.5	1.2	12.6	0.3	1.0	16.5	0.8	390
5x2	1	7	1.29	0.5	1.3	13.8	0.3	1.0	17.9	0.9	430
7x2	1	7	1.29	0.5	1.4	15.2	0.3	1.0	19.3	1.0	510
8x2	1	7	1.29	0.5	1.4	17.0	0.3	1.1	21.1	1.1	590
10x2	1	7	1.29	0.5	1.5	19.5	0.3	1.1	23.8	1.2	710
12x2	1	7	1.29	0.5	1.6	20.2	0.3	1.1	24.5	1.2	780
14x2	1	7	1.29	0.5	1.6	21.6	0.3	1.2	25.9	1.3	870
16x2	1	7	1.29	0.5	1.7	22.8	0.3	1.2	27.3	1.4	970
19x2	1	7	1.29	0.5	1.7	24.2	0.3	1.2	28.7	1.4	1080
24x2	1	7	1.29	0.5	1.9	28.5	0.3	1.4	33.4	1.7	1380
30x2	1	7	1.29	0.5	2.0	30.4	0.4	1.4	35.3	1.8	1680
33x2	1	7	1.29	0.5	2.0	31.6	0.4	1.4	36.7	1.8	1790
37x2	1	7	1.29	0.5	2.1	33.0	0.4	1.5	38.6	1.9	1970
1x2	1.5	7	1.56	0.6	1.1	8.3	0.2	0.8	11.5	0.6	190
2x2	1.5	7	1.56	0.6	1.2	12.5	0.3	0.9	16.4	0.8	360
3x2	1.5	7	1.56	0.6	1.2	13.3	0.3	1.0	17.2	0.9	420
4x2	1.5	7	1.56	0.6	1.3	14.6	0.3	1.0	18.7	0.9	500
5x2	1.5	7	1.56	0.6	1.4	16.2	0.3	1.0	20.3	1.0	530
7x2	1.5	7	1.56	0.6	1.4	17.9	0.3	1.1	22.2	1.1	670
8x2	1.5	7	1.56	0.6	1.5	20.1	0.3	1.1	24.4	1.2	770
10x2	1.5	7	1.56	0.6	1.6	23.2	0.3	1.2	27.7	1.4	930
12x2	1.5	7	1.56	0.6	1.6	24.2	0.3	1.2	28.7	1.4	1030
14x2	1.5	7	1.56	0.6	1.7	25.4	0.3	1.3	29.9	1.5	1170
16x2	1.5	7	1.56	0.6	1.7	27.0	0.3	1.3	31.9	1.6	1280
19x2	1.5	7	1.56	0.6	1.8	28.5	0.3	1.4	33.4	1.7	1470
24x2	1.5	7	1.56	0.6	2.0	33.8	0.4	1.5	39.4	2.0	1930
30x2	1.5	7	1.56	0.6	2.1	36.0	0.4	1.6	41.8	2.1	2300
33x2	1.5	7	1.56	0.6	2.1	37.5	0.4	1.6	43.3	2.2	2460
37x2	1.5	7	1.56	0.6	2.2	39.1	0.4	1.6	45.1	2.3	2680
1x2	2.5	7	2.04	0.6	1.1	9.3	0.2	0.9	12.5	0.6	220
2x2	2.5	7	2.04	0.6	1.3	13.9	0.3	1.0	18.0	0.9	470
3x2	2.5	7	2.04	0.6	1.3	14.9	0.3	1.0	19.0	1.0	540
4x2	2.5	7	2.04	0.6	1.4	16.4	0.3	1.1	20.5	1.0	660
5x2	2.5	7	2.04	0.6	1.4	18.2	0.3	1.1	22.5	1.1	710
7x2	2.5	7	2.04	0.6	1.5	19.8	0.3	1.1	24.1	1.2	880
8x2	2.5	7	2.04	0.6	1.6	22.7	0.3	1.2	27.2	1.4	1020
10x2	2.5	7	2.04	0.6	1.7	26.0	0.3	1.3	30.5	1.5	1250
12x2	2.5	7	2.04	0.6	1.8	27.1	0.3	1.3	32.0	1.6	1400
14x2	2.5	7	2.04	0.6	1.8	28.5	0.3	1.4	33.4	1.7	1590
16x2	2.5	7	2.04	0.6	1.9	30.3	0.4	1.4	35.2	1.8	1850
19x2	2.5	7	2.04	0.6	1.9	32.2	0.4	1.5	37.8	1.9	2100
24x2	2.5	7	2.04	0.6	2.2	38.2	0.4	1.6	44.0	2.2	2690
30x2	2.5	7	2.04	0.6	2.3	40.4	0.4	1.7	46.4	2.3	3150
33x2	2.5	7	2.04	0.6	2.3	42.3	0.4	1.7	48.3	2.4	3420
37x2	2.5	7	2.04	0.6	2.4	44.1	0.4	1.8	50.3	2.5	3770

YUANYANG CABLES

CABLE TYPE: CHJPF86/SC，CHJPJ85/SC，CHJPF96/SC，CHJPJ95/SC 150/250V

No. of cores	Conductor			Thickness of Insulation	Thickness of inner sheath	Nominal dia. inner sheath	Dia.of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.						Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	mm	mm	±mm	kg/km
1X3	0.75	7	1.11	0.5	1.0	7.3	0.2	0.8	10.5	0.5	150
2X3	0.75	7	1.11	0.5	1.1	11.1	0.3	0.9	15	0.8	300
3X3	0.75	7	1.11	0.5	1.2	11.8	0.3	0.9	15.7	0.8	350
4X3	0.75	7	1.11	0.5	1.2	13.2	0.3	1.0	17.1	0.9	410
5X3	0.75	7	1.11	0.5	1.3	14.4	0.3	1.0	18.5	0.9	450
7X3	0.75	7	1.11	0.5	1.3	15.9	0.3	1.0	20	1.0	540
8X3	0.75	7	1.11	0.5	1.4	17.8	0.3	1.1	21.9	1.1	630
10X3	0.75	7	1.11	0.5	1.5	20.4	0.3	1.1	24.7	1.2	760
12X3	0.75	7	1.11	0.5	1.5	21.5	0.3	1.1	25.8	1.3	830
14X3	0.75	7	1.11	0.5	1.5	22.6	0.3	1.2	27.1	1.4	940
16X3	0.75	7	1.11	0.5	1.6	23.8	0.3	1.2	28.3	1.4	1040
19X3	0.75	7	1.11	0.5	1.6	25.3	0.3	1.2	29.8	1.5	1170
24X3	0.75	7	1.11	0.5	1.8	30.0	0.3	1.3	34.9	1.8	1470
30X3	0.75	7	1.11	0.5	1.9	31.8	0.4	1.4	36.9	1.9	1820
33X3	0.75	7	1.11	0.5	1.9	33.3	0.4	1.4	38.9	2.0	1950
37X3	0.75	7	1.11	0.5	2.0	34.6	0.4	1.5	40.2	2.0	2150
1X3	1	7	1.29	0.5	1.1	7.7	0.2	0.8	10.9	0.6	190
2X3	1	7	1.29	0.5	1.2	11.9	0.3	1.0	15.8	0.8	390
3X3	1	7	1.29	0.5	1.3	12.8	0.3	1.0	16.7	0.8	450
4X3	1	7	1.29	0.5	1.3	14.1	0.3	1.0	18.2	0.9	520
5X3	1	7	1.29	0.5	1.4	15.6	0.3	1.1	19.7	1.0	580
7X3	1	7	1.29	0.5	1.4	17.0	0.3	1.1	21.1	1.1	700
8X3	1	7	1.29	0.5	1.5	19.3	0.3	1.2	23.6	1.2	820
10X3	1	7	1.29	0.5	1.6	22.3	0.3	1.2	26.6	1.3	990
12X3	1	7	1.29	0.5	1.7	23.0	0.3	1.3	27.5	1.4	1130
14X3	1	7	1.29	0.5	1.7	24.4	0.3	1.3	28.9	1.5	1240
16X3	1	7	1.29	0.5	1.8	25.8	0.3	1.3	30.3	1.5	1380
19X3	1	7	1.29	0.5	1.8	27.4	0.3	1.4	32.3	1.6	1570
24X3	1	7	1.29	0.5	2.0	32.3	0.4	1.5	37.4	1.9	2060
30X3	1	7	1.29	0.5	2.1	34.4	0.4	1.6	40	2.0	2450
33X3	1	7	1.29	0.5	2.2	36.0	0.4	1.6	41.8	2.1	2650
37X3	1	7	1.29	0.5	2.2	37.4	0.4	1.7	43.2	2.2	2890
1X3	1.5	7	1.56	0.6	1.1	8.8	0.2	0.9	12	0.6	220
2X3	1.5	7	1.56	0.6	1.3	14.0	0.3	1.0	18.1	0.9	460
3X3	1.5	7	1.56	0.6	1.3	15.1	0.3	1.0	19.2	1.0	530
4X3	1.5	7	1.56	0.6	1.4	16.5	0.3	1.1	20.6	1.0	640
5X3	1.5	7	1.56	0.6	1.4	18.3	0.3	1.1	22.6	1.1	690
7X3	1.5	7	1.56	0.6	1.5	20.0	0.3	1.1	24.3	1.2	860
8X3	1.5	7	1.56	0.6	1.6	22.9	0.3	1.2	27.4	1.4	1000
10X3	1.5	7	1.56	0.6	1.7	26.3	0.3	1.3	30.8	1.6	1230
12X3	1.5	7	1.56	0.6	1.8	27.4	0.3	1.3	32.3	1.6	1390
14X3	1.5	7	1.56	0.6	1.8	28.8	0.3	1.4	33.7	1.7	1560
16X3	1.5	7	1.56	0.6	1.9	30.6	0.4	1.4	35.5	1.8	1810
19X3	1.5	7	1.56	0.6	2.0	32.5	0.4	1.5	38.1	1.9	2050
24X3	1.5	7	1.56	0.6	2.2	38.5	0.4	1.6	44.3	2.2	2620
30X3	1.5	7	1.56	0.6	2.3	41.0	0.4	1.7	47	2.4	3100
33X3	1.5	7	1.56	0.6	2.3	42.7	0.4	1.7	48.7	2.4	3330
37X3	1.5	7	1.56	0.6	2.4	44.6	0.4	1.8	50.8	2.6	3670
1X3	2.5	7	2.04	0.6	1.1	9.8	0.2	0.9	13.2	0.7	290
2X3	2.5	7	2.04	0.6	1.3	15.7	0.3	1.0	19.8	1.0	570
3X3	2.5	7	2.04	0.6	1.4	16.7	0.3	1.1	20.8	1.1	690
4X3	2.5	7	2.04	0.6	1.4	18.6	0.3	1.1	22.9	1.2	830
5X3	2.5	7	2.04	0.6	1.5	20.8	0.3	1.2	25.1	1.3	940
7X3	2.5	7	2.04	0.6	1.6	22.7	0.3	1.2	27.2	1.4	1180
8X3	2.5	7	2.04	0.6	1.7	25.7	0.3	1.3	30.2	1.5	1370
10X3	2.5	7	2.04	0.6	1.8	29.7	0.3	1.4	34.6	1.7	1680
12X3	2.5	7	2.04	0.6	1.9	30.7	0.4	1.4	35.8	1.8	1980
14X3	2.5	7	2.04	0.6	2.0	32.5	0.4	1.5	38.1	1.9	2230
16X3	2.5	7	2.04	0.6	2.0	34.3	0.4	1.5	40.1	2.0	2490
19X3	2.5	7	2.04	0.6	2.1	36.4	0.4	1.6	42.2	2.1	2890
24X3	2.5	7	2.04	0.6	2.4	43.2	0.4	1.7	49.4	2.5	3660
30X3	2.5	7	2.04	0.6	2.5	46.1	0.4	1.8	52.3	2.6	4360
33X3	2.5	7	2.04	0.6	2.5	48.1	0.4	1.9	54.5	2.7	4730
37X3	2.5	7	2.04	0.6	2.6	50.2	0.4	1.9	56.6	2.8	5190
1x4	0.75	7	1.11	0.5	1.1	8.4	0.2	0.8	11.6	0.6	170
1x4	1	7	1.29	0.5	1.1	8.8	0.2	0.9	12	0.6	210
1x4	1.5	7	1.56	0.6	1.1	9.8	0.2	0.9	13.2	0.7	270
1x4	2.5	7	2.04	0.6	1.2	10.7	0.3	0.9	14.1	0.7	340

Fire Resistance Instrumentation Cable 150/250V

Type: CHJ86/NC
CHJ85/NC

Standards applied

Design	:	IEC 60092-350、376
Conductor	:	IEC 60228
Insulation & sheath	:	IEC 60092-360
Flame Retardant	:	IEC 60332-1
Flame Retardant	:	IEC 60332-3-22
Fire Resistance	:	IEC 60331
Halogen content	:	IEC60754
Smoke emission	:	IEC 61034
Fluorine content	:	IEC60684-2

Max.rated conductor temperature：90℃

Application

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

Construction

Components	Code	Material/description
Series code	CH	Shipboard Instrumentation cable
Conductor		Stranded tinned annealed copper, IEC 60228 Class 2
Fire Resistance		Mica/glass tape
Insulation	J	XLPE, IEC 60092-360
Cabling		Flame retardant & non-hygroscopic fillers may be used
		Suitable tape(s) may be applied on the cabled core
Armor	8	Tinned copper wire braid (TCWB)
Outer sheath	6	Halogen-free flame retardant thermoplastic compound (SHF1)
	5	Halogen-free flame retardant thermoset compound (SHF2)
Flammability	NC	LSHF Fire resistant

YUANYANG CABLES

CABLE TYPE: CHJ86/NC,CHJ85/NC 150/250V

No. of cores	Conductor			Thickness of Insulation	Dia.of wire for armour	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	±mm	kg/km
1x2	0.75	7	1.11	0.5	0.2	1.1	10.4	0.5	130
2x2	0.75	7	1.11	0.5	0.3	1.3	15.2	0.8	300
3x2	0.75	7	1.11	0.5	0.3	1.3	16.1	0.8	340
4x2	0.75	7	1.11	0.5	0.3	1.4	17.7	0.9	400
5x2	0.75	7	1.11	0.5	0.3	1.4	19.2	1.0	420
7x2	0.75	7	1.11	0.5	0.3	1.5	21.0	1.1	510
8x2	0.75	7	1.11	0.5	0.3	1.6	23.7	1.2	600
10x2	0.75	7	1.11	0.5	0.3	1.7	26.9	1.3	720
12x2	0.75	7	1.11	0.5	0.3	1.8	28.0	1.4	810
14x2	0.75	7	1.11	0.5	0.3	1.8	29.4	1.5	900
16x2	0.75	7	1.11	0.5	0.3	1.9	31.1	1.6	1000
19x2	0.75	7	1.11	0.5	0.3	2.0	33.0	1.7	1140
24x2	0.75	7	1.11	0.5	0.4	2.2	39.5	2.0	1550
30x2	0.75	7	1.11	0.5	0.4	2.3	41.9	2.1	1810
33x2	0.75	7	1.11	0.5	0.4	2.3	43.5	2.2	1940
37x2	0.75	7	1.11	0.5	0.4	2.4	45.3	2.3	2120
1x2	1	7	1.29	0.5	0.2	1.1	11.0	0.6	140
2x2	1	7	1.29	0.5	0.3	1.3	16.2	0.8	340
3x2	1	7	1.29	0.5	0.3	1.4	17.4	0.9	390
4x2	1	7	1.29	0.5	0.3	1.4	18.9	0.9	460
5x2	1	7	1.29	0.5	0.3	1.5	20.7	1.0	490
7x2	1	7	1.29	0.5	0.3	1.6	22.7	1.1	610
8x2	1	7	1.29	0.5	0.3	1.7	25.7	1.3	710
10x2	1	7	1.29	0.5	0.3	1.8	29.1	1.5	860
12x2	1	7	1.29	0.5	0.3	1.9	30.3	1.5	970
14x2	1	7	1.29	0.5	0.3	1.9	31.7	1.6	1080
16x2	1	7	1.29	0.5	0.3	2.0	33.6	1.7	1200
19x2	1	7	1.29	0.5	0.3	2.0	35.4	1.8	1350
24x2	1	7	1.29	0.5	0.4	2.3	42.6	2.1	1850
30x2	1	7	1.29	0.5	0.4	2.4	45.2	2.3	2170
33x2	1	7	1.29	0.5	0.4	2.5	47.2	2.4	2350
37x2	1	7	1.29	0.5	0.4	2.5	48.9	2.4	2550
1x2	1.5	7	1.56	0.6	0.2	1.2	11.8	0.6	170
2x2	1.5	7	1.56	0.6	0.3	1.4	17.4	0.9	400
3x2	1.5	7	1.56	0.6	0.3	1.4	18.4	0.9	450
4x2	1.5	7	1.56	0.6	0.3	1.5	20.3	1.0	550
5x2	1.5	7	1.56	0.6	0.3	1.6	22.3	1.1	580
7x2	1.5	7	1.56	0.6	0.3	1.6	24.2	1.2	710
8x2	1.5	7	1.56	0.6	0.3	1.8	27.6	1.4	840
10x2	1.5	7	1.56	0.6	0.3	1.9	31.3	1.6	1020
12x2	1.5	7	1.56	0.6	0.3	1.9	32.3	1.6	1140
14x2	1.5	7	1.56	0.6	0.3	2.0	34.1	1.7	1290
16x2	1.5	7	1.56	0.6	0.4	2.1	36.9	1.8	1550
19x2	1.5	7	1.56	0.6	0.4	2.2	39.0	2.0	1770
24x2	1.5	7	1.56	0.6	0.4	2.4	45.8	2.3	2220
30x2	1.5	7	1.56	0.6	0.4	2.5	48.6	2.4	2610
33x2	1.5	7	1.56	0.6	0.4	2.6	50.7	2.5	2830
37x2	1.5	7	1.56	0.6	0.4	2.7	52.8	2.6	3110
1x2	2.5	7	2.04	0.6	0.2	1.2	12.8	0.6	200
2x2	2.5	7	2.04	0.6	0.3	1.4	19.0	1.0	490
3x2	2.5	7	2.04	0.6	0.3	1.5	20.4	1.0	580
4x2	2.5	7	2.04	0.6	0.3	1.6	22.5	1.1	700
5x2	2.5	7	2.04	0.6	0.3	1.6	24.5	1.2	740
7x2	2.5	7	2.04	0.6	0.3	1.7	26.9	1.3	940
8x2	2.5	7	2.04	0.6	0.3	1.9	30.6	1.5	1100
10x2	2.5	7	2.04	0.6	0.3	2.0	34.8	1.7	1340
12x2	2.5	7	2.04	0.6	0.4	2.1	36.8	1.8	1640
14x2	2.5	7	2.04	0.6	0.4	2.2	38.8	1.9	1850
16x2	2.5	7	2.04	0.6	0.4	2.2	40.9	2.0	2050
19x2	2.5	7	2.04	0.6	0.4	2.3	43.3	2.2	2340
24x2	2.5	7	2.04	0.6	0.4	2.6	51.1	2.6	2960
30x2	2.5	7	2.04	0.6	0.4	2.7	54.4	2.7	3520
33x2	2.5	7	2.04	0.6	0.4	2.8	56.6	2.8	3820
37x2	2.5	7	2.04	0.6	0.4	2.9	59.0	3.0	4210

YUANYANG CABLES

CABLE TYPE: CHJ86/NC,CHJ85/NC 150/250V

No. of cores	Conductor			Thickness of Insulation	Dia.of wire for armour	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	±mm	kg/km
1X3	0.75	7	1.11	0.5	0.2	1.2	11.6	0.6	150
2X3	0.75	7	1.11	0.5	0.3	1.4	17.0	0.9	370
3X3	0.75	7	1.11	0.5	0.3	1.4	18.0	0.9	420
4X3	0.75	7	1.11	0.5	0.3	1.5	19.8	1.0	510
5X3	0.75	7	1.11	0.5	0.3	1.5	21.5	1.1	540
7X3	0.75	7	1.11	0.5	0.3	1.6	23.6	1.2	670
8X3	0.75	7	1.11	0.5	0.3	1.7	26.7	1.3	780
10X3	0.75	7	1.11	0.5	0.3	1.9	30.5	1.5	960
12X3	0.75	7	1.11	0.5	0.3	1.9	31.5	1.6	1070
14X3	0.75	7	1.11	0.5	0.3	2.0	33.2	1.7	1210
16X3	0.75	7	1.11	0.5	0.3	2.0	35.0	1.8	1330
19X3	0.75	7	1.11	0.5	0.4	2.1	37.8	1.9	1640
24X3	0.75	7	1.11	0.5	0.4	2.4	44.6	2.2	2070
30X3	0.75	7	1.11	0.5	0.4	2.5	47.3	2.4	2440
33X3	0.75	7	1.11	0.5	0.4	2.5	49.1	2.5	2610
37X3	0.75	7	1.11	0.5	0.4	2.6	51.2	2.6	2870
1X3	1	7	1.29	0.5	0.2	1.2	11.8	0.6	180
2X3	1	7	1.29	0.5	0.3	1.4	18.1	0.9	430
3X3	1	7	1.29	0.5	0.3	1.4	19.2	1.0	490
4X3	1	7	1.29	0.5	0.3	1.5	21.2	1.1	600
5X3	1	7	1.29	0.5	0.3	1.6	23.3	1.2	640
7X3	1	7	1.29	0.5	0.3	1.7	25.6	1.3	810
8X3	1	7	1.29	0.5	0.3	1.8	28.8	1.4	930
10X3	1	7	1.29	0.5	0.3	2.0	33.0	1.7	1150
12X3	1	7	1.29	0.5	0.3	2.0	34.0	1.7	1290
14X3	1	7	1.29	0.5	0.4	2.1	36.5	1.8	1560
16X3	1	7	1.29	0.5	0.4	2.2	38.8	1.9	1750
19X3	1	7	1.29	0.5	0.4	2.2	40.8	2.0	1970
24X3	1	7	1.29	0.5	0.4	2.5	48.2	2.4	2500
30X3	1	7	1.29	0.5	0.4	2.6	51.2	2.6	2940
33X3	1	7	1.29	0.5	0.4	2.7	53.4	2.7	3200
37X3	1	7	1.29	0.5	0.4	2.8	55.7	2.8	3520
1X3	1.5	7	1.56	0.6	0.2	1.2	12.4	0.6	200
2X3	1.5	7	1.56	0.6	0.3	1.5	19.5	1.0	500
3X3	1.5	7	1.56	0.6	0.3	1.5	20.6	1.0	580
4X3	1.5	7	1.56	0.6	0.3	1.6	22.7	1.1	710
5X3	1.5	7	1.56	0.6	0.3	1.7	25.0	1.3	760
7X3	1.5	7	1.56	0.6	0.3	1.7	27.3	1.4	950
8X3	1.5	7	1.56	0.6	0.3	1.9	31.0	1.6	1120
10X3	1.5	7	1.56	0.6	0.3	2.0	35.2	1.8	1360
12X3	1.5	7	1.56	0.6	0.4	2.1	37.3	1.9	1660
14X3	1.5	7	1.56	0.6	0.4	2.2	39.3	2.0	1880
16X3	1.5	7	1.56	0.6	0.4	2.3	41.6	2.1	2100
19X3	1.5	7	1.56	0.6	0.4	2.4	44.0	2.2	2400
24X3	1.5	7	1.56	0.6	0.4	2.6	51.8	2.6	3010
30X3	1.5	7	1.56	0.6	0.4	2.8	55.3	2.8	3600
33X3	1.5	7	1.56	0.6	0.4	2.9	57.6	2.9	3910
37X3	1.5	7	1.56	0.6	0.4	2.9	59.8	3.0	4270
1X3	2.5	7	2.04	0.6	0.3	1.3	14.1	0.7	290
2X3	2.5	7	2.04	0.6	0.3	1.5	21.3	1.1	620
3X3	2.5	7	2.04	0.6	0.3	1.6	22.9	1.1	750
4X3	2.5	7	2.04	0.6	0.3	1.7	25.3	1.3	920
5X3	2.5	7	2.04	0.6	0.3	1.8	27.8	1.4	1000
7X3	2.5	7	2.04	0.6	0.3	1.9	30.5	1.5	1290
8X3	2.5	7	2.04	0.6	0.3	2.0	34.4	1.7	1480
10X3	2.5	7	2.04	0.6	0.4	2.2	40.1	2.0	1950
12X3	2.5	7	2.04	0.6	0.4	2.3	41.6	2.1	2230
14X3	2.5	7	2.04	0.6	0.4	2.3	43.7	2.2	2500
16X3	2.5	7	2.04	0.6	0.4	2.4	46.3	2.3	2800
19X3	2.5	7	2.04	0.6	0.4	2.5	48.9	2.4	3220
24X3	2.5	7	2.04	0.6	0.4	2.9	58.1	2.9	4110
30X3	2.5	7	2.04	0.6	0.4	3.0	61.7	3.1	4900
33X3	2.5	7	2.04	0.6	0.4	3.1	64.3	3.2	5340
37X3	2.5	7	2.04	0.6	0.4	3.2	67.0	3.4	5890
1x4	0.75	7	1.11	0.5	0.2	1.2	12.5	0.6	190
1x4	1	7	1.29	0.5	0.2	1.2	12.7	0.6	210
1x4	1.5	7	1.56	0.6	0.2	1.2	13.4	0.7	240
1x4	2.5	7	2.04	0.6	0.3	1.3	15.3	0.8	340

Fire Resistance Instrumentation Cable 150/250V

Type: CHJPF86/NC，CHJPJ85/NC
CHJPF96/NC，CHJPJ95/NC

Standards applied

Design	：	IEC 60092-350、376
Conductor	：	IEC 60228
Insulation & sheath	：	IEC 60092-360
Flame Retardant	：	IEC 60332-1
Flame Retardant	：	IEC 60332-3-22
Fire Resistance	：	IEC 60331
Halogen content	：	IEC60754
Smoke emission	：	IEC 61034
Fluorine content	：	IEC60684-2

Max.rated conductor temperature：90℃

Application

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to me tallurgical insdustry, chemical works, power plant and mining etc.

Construction

Components	Code	Material/description
Series code	CH	Shipboard Instrumentation cable
Conductor		Stranded tinned annealed copper, IEC 60228 Class 2
Fire Resistance		Mica/glass tape
Insulation	J	XLPE, IEC 60092-360
Cabling		Flame retardant & non-hygroscopic fillers may be used
		Suitable tape(s) may be applied on the cabled core
Inner sheath	PF	Halogen-free flame retardant thermoplastic compound (SHF1)
	PJ	Halogen-free flame retardant thermoset compound (SHF2)
Armor	8	Tinned copper wire braid (TCWB)
	9	Galvanized steel wire braided (GSWB)
Outer sheath	6	Halogen-free flame retardant thermoplastic compound (SHF1)
	5	Halogen-free flame retardant thermoset compound (SHF2)
Flammability	NC	LSHF Fire resistant

YUANYANG CABLES

CABLE TYPE: CHJPF86/NC，CHJPJ85/NC，CHJPF96/NC，CHJPJ95/NC　150/250V

No. of cores	Conductor			Thickness of Insulation	Thickness of inner sheath	Nominal dia. inner sheath	Dia.of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.						Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	mm	mm	±mm	kg/km
1x2	0.75	7	1.11	0.5	1.1	9.5	0.2	0.9	12.4	0.6	190
2x2	0.75	7	1.11	0.5	1.2	13.7	0.3	1.0	17.2	0.9	380
3x2	0.75	7	1.11	0.5	1.3	14.8	0.3	1.0	18.3	0.9	430
4x2	0.75	7	1.11	0.5	1.3	16.2	0.3	1.0	19.7	1.0	500
5x2	0.75	7	1.11	0.5	1.4	17.9	0.3	1.1	21.6	1.1	540
7x2	0.75	7	1.11	0.5	1.5	19.7	0.3	1.1	23.4	1.2	650
8x2	0.75	7	1.11	0.5	1.6	22.4	0.3	1.2	26.3	1.3	760
10x2	0.75	7	1.11	0.5	1.7	25.6	0.3	1.3	29.7	1.5	920
12x2	0.75	7	1.11	0.5	1.7	26.5	0.3	1.3	30.6	1.5	1000
14x2	0.75	7	1.11	0.5	1.8	28.1	0.3	1.3	32.2	1.6	1110
16x2	0.75	7	1.11	0.5	1.8	29.6	0.3	1.4	33.9	1.7	1230
19x2	0.75	7	1.11	0.5	1.9	31.5	0.4	1.4	36.2	1.8	1460
24x2	0.75	7	1.11	0.5	2.1	37.6	0.4	1.6	42.7	2.1	1880
30x2	0.75	7	1.11	0.5	2.2	40.0	0.4	1.6	45.1	2.3	2150
33x2	0.75	7	1.11	0.5	2.3	41.8	0.4	1.7	47.1	2.4	2340
37x2	0.75	7	1.11	0.5	2.3	43.4	0.4	1.7	48.7	2.4	2510
1x2	1	7	1.29	0.5	1.1	10.1	0.3	0.9	13.4	0.7	230
2x2	1	7	1.29	0.5	1.3	14.9	0.3	1.0	18.4	0.9	440
3x2	1	7	1.29	0.5	1.3	15.9	0.3	1.0	19.4	1.0	490
4x2	1	7	1.29	0.5	1.4	17.6	0.3	1.1	21.3	1.1	590
5x2	1	7	1.29	0.5	1.4	19.2	0.3	1.1	22.9	1.2	610
7x2	1	7	1.29	0.5	1.5	21.2	0.3	1.2	25.1	1.3	750
8x2	1	7	1.29	0.5	1.6	24.2	0.3	1.2	28.1	1.4	870
10x2	1	7	1.29	0.5	1.8	27.8	0.3	1.3	31.9	1.6	1070
12x2	1	7	1.29	0.5	1.8	28.8	0.3	1.4	33.1	1.7	1190
14x2	1	7	1.29	0.5	1.9	30.4	0.4	1.4	35.1	1.8	1400
16x2	1	7	1.29	0.5	1.9	32.1	0.4	1.4	36.8	1.9	1520
19x2	1	7	1.29	0.5	2.0	34.1	0.4	1.5	39.0	2.0	1730
24x2	1	7	1.29	0.5	2.2	40.7	0.4	1.7	46.0	2.3	2220
30x2	1	7	1.29	0.5	2.3	43.3	0.4	1.7	48.6	2.4	2560
33x2	1	7	1.29	0.5	2.4	45.3	0.4	1.8	50.8	2.6	2790
37x2	1	7	1.29	0.5	2.5	47.2	0.4	1.8	52.7	2.6	3030
1x2	1.5	7	1.56	0.6	1.1	10.7	0.3	0.9	14.0	0.7	260
2x2	1.5	7	1.56	0.6	1.3	15.9	0.3	1.0	19.4	1.0	490
3x2	1.5	7	1.56	0.6	1.4	17.1	0.3	1.1	20.8	1.1	570
4x2	1.5	7	1.56	0.6	1.4	18.8	0.3	1.1	22.5	1.1	670
5x2	1.5	7	1.56	0.6	1.5	20.8	0.3	1.2	24.7	1.2	720
7x2	1.5	7	1.56	0.6	1.6	22.9	0.3	1.2	26.8	1.4	880
8x2	1.5	7	1.56	0.6	1.7	26.1	0.3	1.3	30.2	1.5	1030
10x2	1.5	7	1.56	0.6	1.8	29.8	0.3	1.4	34.1	1.7	1250
12x2	1.5	7	1.56	0.6	1.9	31.0	0.4	1.4	35.7	1.8	1470
14x2	1.5	7	1.56	0.6	1.9	32.6	0.4	1.5	37.5	1.9	1640
16x2	1.5	7	1.56	0.6	2.0	34.8	0.4	1.5	39.7	2.0	1810
19x2	1.5	7	1.56	0.6	2.1	37.1	0.4	1.6	42.2	2.1	2090
24x2	1.5	7	1.56	0.6	2.4	44.1	0.4	1.7	49.4	2.5	2640
30x2	1.5	7	1.56	0.6	2.5	46.9	0.4	1.8	52.4	2.6	3080
33x2	1.5	7	1.56	0.6	2.5	48.8	0.4	1.9	54.5	2.7	3320
37x2	1.5	7	1.56	0.6	2.6	50.9	0.4	1.9	56.6	2.8	3620
1x2	2.5	7	2.04	0.6	1.2	11.9	0.3	0.9	15.2	0.8	310
2x2	2.5	7	2.04	0.6	1.4	17.7	0.3	1.1	21.4	1.1	610
3x2	2.5	7	2.04	0.6	1.4	18.9	0.3	1.1	22.6	1.1	700
4x2	2.5	7	2.04	0.6	1.5	21.0	0.3	1.2	24.9	1.3	850
5x2	2.5	7	2.04	0.6	1.6	23.2	0.3	1.2	27.1	1.4	910
7x2	2.5	7	2.04	0.6	1.7	25.6	0.3	1.3	29.7	1.5	1140
8x2	2.5	7	2.04	0.6	1.8	29.1	0.3	1.4	33.4	1.7	1320
10x2	2.5	7	2.04	0.6	2.0	33.5	0.4	1.5	38.4	1.9	1710
12x2	2.5	7	2.04	0.6	2.0	34.7	0.4	1.5	39.6	2.0	1900
14x2	2.5	7	2.04	0.6	2.1	36.9	0.4	1.6	42.0	2.1	2170
16x2	2.5	7	2.04	0.6	2.2	39.2	0.4	1.6	44.3	2.2	2400
19x2	2.5	7	2.04	0.6	2.3	41.6	0.4	1.7	46.9	2.4	2740
24x2	2.5	7	2.04	0.6	2.6	49.4	0.4	1.9	55.1	2.8	3490
30x2	2.5	7	2.04	0.6	2.7	52.7	0.4	2.0	58.6	2.9	4100
33x2	2.5	7	2.04	0.6	2.8	54.9	0.4	2.0	60.8	3.0	4430
37x2	2.5	7	2.04	0.6	2.8	57.1	0.4	2.1	63.4	3.0	4870

YUANYANG CABLES

CABLE TYPE: CHJPF86/NC，CHJPJ85/NC，CHJPF96/NC，CHJPJ95/NC　150/250V

No. of cores	Conductor			Thickness of Insulation	Thickness of inner sheath	Nominal dia. inner sheath	Dia.of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.						Nominal	Tol.	
No.	mm2	ea.	mm	mm	mm	mm	mm	mm	mm	±mm	kg/km
1X3	0.75	7	1.11	0.5	1.1	10.5	0.3	0.9	13.8	0.7	240
2X3	0.75	7	1.11	0.5	1.3	15.5	0.3	1.0	19.0	1.0	460
3X3	0.75	7	1.11	0.5	1.3	16.7	0.3	1.0	20.4	1.0	520
4X3	0.75	7	1.11	0.5	1.4	18.3	0.3	1.1	22.0	1.1	630
5X3	0.75	7	1.11	0.5	1.5	20.2	0.3	1.1	23.9	1.2	670
7X3	0.75	7	1.11	0.5	1.6	22.3	0.3	1.2	26.2	1.3	830
8X3	0.75	7	1.11	0.5	1.7	25.4	0.3	1.3	29.5	1.5	980
10X3	0.75	7	1.11	0.5	1.8	29.0	0.3	1.4	33.3	1.7	1180
12X3	0.75	7	1.11	0.5	1.8	30.2	0.4	1.4	34.9	1.8	1370
14X3	0.75	7	1.11	0.5	1.9	31.7	0.4	1.4	36.4	1.8	1530
16X3	0.75	7	1.11	0.5	2.0	33.7	0.4	1.5	38.6	1.9	1710
19X3	0.75	7	1.11	0.5	2.1	36.1	0.4	1.5	41.2	2.1	1950
24X3	0.75	7	1.11	0.5	2.3	42.7	0.4	1.7	48.0	2.4	2460
30X3	0.75	7	1.11	0.5	2.4	45.4	0.4	1.8	50.9	2.6	2870
33X3	0.75	7	1.11	0.5	2.5	47.4	0.4	1.8	52.9	2.7	3090
37X3	0.75	7	1.11	0.5	2.6	49.5	0.4	1.9	55.2	2.8	3400
1X3	1	7	1.29	0.5	1.1	10.7	0.3	0.9	14.0	0.7	260
2X3	1	7	1.29	0.5	1.4	16.8	0.3	1.1	20.5	1.0	540
3X3	1	7	1.29	0.5	1.4	17.9	0.3	1.1	21.6	1.1	610
4X3	1	7	1.29	0.5	1.5	19.9	0.3	1.1	23.6	1.2	730
5X3	1	7	1.29	0.5	1.5	21.8	0.3	1.2	25.9	1.3	790
7X3	1	7	1.29	0.5	1.6	24.1	0.3	1.2	28.0	1.4	970
8X3	1	7	1.29	0.5	1.7	27.3	0.3	1.3	31.6	1.6	1130
10X3	1	7	1.29	0.5	1.9	31.5	0.4	1.4	36.2	1.8	1470
12X3	1	7	1.29	0.5	1.9	32.5	0.4	1.5	37.4	1.9	1630
14X3	1	7	1.29	0.5	2.0	34.4	0.4	1.5	39.3	2.0	1820
16X3	1	7	1.29	0.5	2.1	36.9	0.4	1.6	42.0	2.1	2070
19X3	1	7	1.29	0.5	2.2	39.1	0.4	1.6	44.2	2.2	2330
24X3	1	7	1.29	0.5	2.4	46.3	0.4	1.8	52.0	2.6	2940
30X3	1	7	1.29	0.5	2.6	49.5	0.4	1.9	55.2	2.8	3470
33X3	1	7	1.29	0.5	2.6	51.5	0.4	1.9	57.2	2.9	3720
37X3	1	7	1.29	0.5	2.7	53.8	0.4	2.0	59.7	3.0	4090
1X3	1.5	7	1.56	0.6	1.2	11.5	0.3	0.9	14.8	0.8	300
2X3	1.5	7	1.56	0.6	1.4	18.0	0.3	1.1	21.7	1.1	610
3X3	1.5	7	1.56	0.6	1.4	19.1	0.3	1.1	23.0	1.2	700
4X3	1.5	7	1.56	0.6	1.5	21.2	0.3	1.2	25.1	1.3	850
5X3	1.5	7	1.56	0.6	1.6	23.5	0.3	1.2	27.4	1.4	920
7X3	1.5	7	1.56	0.6	1.7	26.0	0.3	1.3	30.1	1.5	1150
8X3	1.5	7	1.56	0.6	1.8	29.5	0.3	1.4	33.8	1.7	1340
10X3	1.5	7	1.56	0.6	2.0	33.9	0.4	1.5	38.8	2.0	1740
12X3	1.5	7	1.56	0.6	2.0	35.2	0.4	1.5	40.1	2.0	1930
14X3	1.5	7	1.56	0.6	2.1	37.4	0.4	1.6	42.5	2.1	2200
16X3	1.5	7	1.56	0.6	2.2	39.7	0.4	1.6	44.8	2.3	2440
19X3	1.5	7	1.56	0.6	2.3	42.1	0.4	1.7	47.4	2.4	2780
24X3	1.5	7	1.56	0.6	2.6	50.1	0.4	1.9	55.8	2.8	3540
30X3	1.5	7	1.56	0.6	2.7	53.4	0.4	2.0	59.3	3.0	4160
33X3	1.5	7	1.56	0.6	2.8	55.7	0.4	2.0	61.6	3.0	4500
37X3	1.5	7	1.56	0.6	2.9	58.1	0.4	2.1	64.4	3.0	4980
1X3	2.5	7	2.04	0.6	1.2	12.6	0.3	0.9	16.1	0.8	360
2X3	2.5	7	2.04	0.6	1.5	20.0	0.3	1.1	23.7	1.2	760
3X3	2.5	7	2.04	0.6	1.5	21.4	0.3	1.2	25.3	1.3	890
4X3	2.5	7	2.04	0.6	1.6	23.8	0.3	1.2	27.7	1.4	1080
5X3	2.5	7	2.04	0.6	1.7	26.3	0.3	1.3	30.4	1.5	1190
7X3	2.5	7	2.04	0.6	1.8	29.0	0.3	1.4	33.3	1.7	1510
8X3	2.5	7	2.04	0.6	2.0	33.1	0.4	1.5	38.0	1.9	1850
10X3	2.5	7	2.04	0.6	2.1	38.2	0.4	1.6	43.5	2.2	2280
12X3	2.5	7	2.04	0.6	2.2	39.7	0.4	1.6	44.8	2.3	2570
14X3	2.5	7	2.04	0.6	2.3	42.0	0.4	1.7	47.3	2.4	2900
16X3	2.5	7	2.04	0.6	2.4	44.6	0.4	1.8	50.1	2.5	3260
19X3	2.5	7	2.04	0.6	2.5	47.2	0.4	1.8	52.7	2.6	3700
24X3	2.5	7	2.04	0.6	2.8	56.2	0.4	2.0	62.5	3.0	4700
30X3	2.5	7	2.04	0.6	2.9	59.8	0.4	2.1	66.3	3.0	5600
33X3	2.5	7	2.04	0.6	3.0	62.4	0.4	2.2	68.9	3.0	6100
37X3	2.5	7	2.04	0.6	3.1	65.1	0.4	2.3	71.8	3.0	6710
1x4	0.75	7	1.11	0.5	1.2	11.6	0.3	0.9	14.9	0.8	290
1x4	1	7	1.29	0.5	1.2	11.8	0.3	0.9	15.1	0.8	310
1x4	1.5	7	1.56	0.6	1.2	12.5	0.3	0.9	16.0	0.8	340
1x4	2.5	7	2.04	0.6	1.2	13.8	0.3	1.0	17.5	0.9	430