



Type: CJPF/NC  
CJPJ/NC

### Standards applied

- Design : IEC 60092-350、353
- 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°C

### Application

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

### Construction

Components	Code	Material/description
Series code	C	Shipboard power 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
Outer sheath	PF	Halogen-free flame retardant thermoplastic compound (SHF1)
	PJ	Halogen-free flame retardant thermoset compound (SHF2)
Flammability	NC	LSHF Fire resistant



## CABLE TYPE: CJPF/NC, CJPJ/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.			Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	±mm	kg/km
1	1	7	1.29	0.7	1.0	5.7	0.5	40
1	1.5	7	1.56	0.7	1.0	6.0	0.5	50
1	2.5	7	2.04	0.7	1.0	6.5	0.5	60
1	4	7	2.55	0.7	1.0	7.0	0.5	80
1	6	7	3.12	0.7	1.0	7.6	0.5	110
1	10	7	4.05	0.7	1.1	8.9	0.5	160
1	16	7	5.10	0.7	1.1	9.9	0.5	230
1	25	7	6.42	0.9	1.2	11.7	0.6	340
1	35	19	7.65	0.9	1.2	12.7	0.6	440
1	50	19	8.90	1.0	1.3	14.3	0.7	580
1	70	19	10.70	1.1	1.4	16.3	0.8	810
1	95	19	12.60	1.1	1.4	18.3	0.9	1080
1	120	37	14.21	1.2	1.5	20.4	1.0	1350
1	150	37	15.75	1.4	1.6	22.5	1.1	1650
1	185	37	17.64	1.6	1.7	25.1	1.3	2050
1	240	61	20.25	1.7	1.8	28.0	1.4	2650
1	300	61	22.68	1.8	1.9	30.8	1.5	3280
2	1	7	1.29	0.7	1.1	9.8	0.5	110
2	1.5	7	1.56	0.7	1.1	10.3	0.5	130
2	2.5	7	2.04	0.7	1.2	11.5	0.6	170
2	4	7	2.55	0.7	1.2	12.5	0.6	210
2	6	7	3.12	0.7	1.3	13.6	0.7	270
2	10	7	4.05	0.7	1.3	16.1	0.8	380
2	16	7	5.10	0.7	1.4	18.4	0.9	540
2	25	7	6.42	0.9	1.5	21.7	1.1	810
2	35	19	7.65	0.9	1.6	24.1	1.2	1060
2	50	19	8.90	1.0	1.8	27.1	1.4	1400
2	70	19	10.70	1.1	1.9	31.5	1.6	1930
2	95	19	12.60	1.1	2.1	35.3	1.8	2600
2	120	37	14.21	1.2	2.2	39.3	2.0	3230
2	150	37	15.75	1.4	2.4	43.3	2.2	3950
2	185	37	17.64	1.6	2.6	48.5	2.4	4930



# YUANYANG CABLES

**CABLE TYPE: CJPF/NC, CJPJ/NC 0.6/1KV**

No. of cores	Conductor			Thickness of Insulation	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.			Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	±mm	kg/km	
3	1	7	1.29	0.7	1.1	10.4	0.5	130
3	1.5	7	1.56	0.7	1.1	10.9	0.5	150
3	2.5	7	2.04	0.7	1.2	12.2	0.6	200
3	4	7	2.55	0.7	1.2	13.3	0.7	260
3	6	7	3.12	0.7	1.3	14.7	0.7	350
3	10	7	4.05	0.7	1.4	17.4	0.9	510
3	16	7	5.10	0.7	1.5	19.9	1.0	730
3	25	7	6.42	0.9	1.6	23.4	1.2	1090
3	35	19	7.65	0.9	1.7	25.9	1.3	1440
3	50	19	8.90	1.0	1.8	29.2	1.5	1880
3	70	19	10.70	1.1	2.0	33.9	1.7	2640
3	95	19	12.60	1.1	2.2	38.0	1.9	3560
3	120	37	14.21	1.2	2.3	42.3	2.1	4420
3	150	37	15.75	1.4	2.5	46.8	2.3	5420
3	185	37	17.64	1.6	2.7	52.4	2.6	6770
3	240	61	20.25	1.7	3.0	58.6	2.9	8750
4	1	7	1.29	0.7	1.2	11.3	0.6	160
4	1.5	7	1.56	0.7	1.2	12.2	0.6	190
4	2.5	7	2.04	0.7	1.2	13.3	0.7	250
4	4	7	2.55	0.7	1.3	14.8	0.7	330
4	6	7	3.12	0.7	1.3	16.2	0.8	440
4	10	7	4.05	0.7	1.4	19.1	1.0	640
4	16	7	5.10	0.7	1.5	21.9	1.1	920
4	25	7	6.42	0.9	1.7	26.0	1.3	1410
4	35	19	7.65	0.9	1.8	28.8	1.4	1860
4	50	19	8.90	1.0	2.0	32.4	1.6	2460
4	70	19	10.70	1.1	2.2	37.7	1.9	3470
4	95	19	12.60	1.1	2.3	42.4	2.1	4630
4	120	37	14.21	1.2	2.5	47.2	2.4	5780
4	150	37	15.75	1.4	2.7	52.2	2.6	7080
4	185	37	17.64	1.6	2.9	58.3	2.9	8840
2C+E	1	7	1.29	0.7	1.1	10.4	0.5	130
2C+E	1.5	7	1.56	0.7	1.1	10.9	0.5	150
2C+E	2.5	7	2.04	0.7	1.2	12.2	0.6	200
2C+E	4	7	2.55	0.7	1.2	13.3	0.7	260
2C+E	6	7	3.12	0.7	1.3	14.7	0.7	350
2C+E	10	7	4.05	0.7	1.4	17.4	0.9	510
2C+E	16	7	5.10	0.7	1.5	19.9	1.0	730
2C	25	7	6.42	0.9	1.6	23.7	1.1	1000
E	16	7	5.10	0.7	1.6	23.7	1.1	1000
2C	35	19	7.65	0.9	1.7	25.5	1.3	1330
E	25	7	6.42	0.9	1.7	25.5	1.3	1330
2C	50	19	8.90	1.0	1.8	28.4	1.4	1650
E	25	7	6.42	0.9	1.8	28.4	1.4	1650
2C	70	19	10.70	1.1	1.9	32.7	1.6	2270
E	35	19	7.65	0.9	1.9	32.7	1.6	2270
2C	95	19	12.60	1.1	2.1	37.3	1.8	3050
E	50	19	8.90	1.0	2.1	37.3	1.8	3050
2C	120	37	14.21	1.2	2.3	41.6	2.0	3900
E	70	19	10.70	1.1	2.3	41.6	2.0	3900
2C	150	37	15.75	1.4	2.4	45.7	2.2	4680
E	95	19	12.60	1.1	2.4	45.7	2.2	4680
2C	185	37	17.64	1.6	2.6	51.1	2.5	5800
E	95	19	12.60	1.1	2.6	51.1	2.5	5800



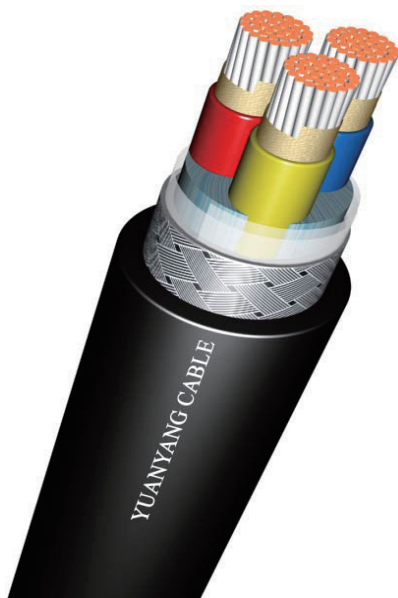
## CABLE TYPE: CJPF/NC, CJPJ/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.			Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	±mm	kg/km
3C+E	1	7	1.29	0.7	1.2	11.3	0.6	160
3C+E	1.5	7	1.56	0.7	1.2	12.2	0.6	190
3C+E	2.5	7	2.04	0.7	1.2	13.3	0.7	250
3C+E	4	7	2.55	0.7	1.3	14.8	0.7	330
3C+E	6	7	3.12	0.7	1.3	16.2	0.8	440
3C+E	10	7	4.05	0.7	1.4	19.1	1.0	640
3C+E	16	7	5.10	0.7	1.5	21.9	1.1	920
3C	25	7	6.42	0.9	1.7	26.0	1.3	1320
E	16	7	5.10	0.7				
3C	35	19	7.65	0.9	1.8	28.6	1.4	1760
E	25	7	6.42	0.9				
3C	50	19	8.90	1.0	1.9	31.4	1.6	2210
E	25	7	6.42	0.9				
3C	70	19	10.70	1.1	2.1	36.4	1.8	3090
E	35	19	7.65	0.9				
3C	95	19	12.60	1.1	2.2	40.9	2.0	4110
E	50	19	8.90	1.0				
3C	120	37	14.21	1.2	2.4	46.0	2.3	5220
E	70	19	10.70	1.1				
3C	150	37	15.75	1.4	2.6	51.1	2.6	6490
E	95	19	12.60	1.1				
3C	185	37	17.64	1.6	2.8	55.8	2.8	7840
E	95	19	12.60	1.1				
3C	240	61	20.25	1.7	3.0	62.5	3.0	10020
E	120	37	14.21	1.2				
4C+E	1	7	1.29	0.7	1.2	12.5	0.6	170
4C+E	1.5	7	1.56	0.7	1.2	13.3	0.7	210
4C+E	2.5	7	2.04	0.7	1.3	14.8	0.7	280
4C+E	4	7	2.55	0.7	1.3	16.3	0.8	390
4C+E	6	7	3.12	0.7	1.4	18.2	0.9	530
4C+E	10	7	4.05	0.7	1.5	20.8	1.0	780
4C+E	16	7	5.10	0.7	1.6	23.8	1.2	1130
4C	25	7	6.42	0.9	1.8	29.0	1.5	1660
E	16	7	5.10	0.7				
4C	35	19	7.65	0.9	1.9	31.8	1.6	2200
E	25	7	6.42	0.9				
4C	50	19	8.90	1.0	2.0	35.2	1.8	2790
E	25	7	6.42	0.9				
4C	70	19	10.70	1.1	2.2	40.7	2.0	3910
E	35	19	7.65	0.9				
4C	95	19	12.60	1.1	2.4	46.0	2.3	5240
E	50	19	8.90	1.0				
4C	120	37	14.21	1.2	2.6	51.7	2.6	6630
E	70	19	10.70	1.1				
4C	150	37	15.75	1.4	2.8	57.2	2.9	8210
E	95	19	12.60	1.1				
4C	185	37	17.64	1.6	3.1	63.0	3.0	10250
E	95	19	12.60	1.1				



## CABLE TYPE: CJPJ/NC, CJPJ/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	Thickness of sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.			Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	±mm	kg/km
5	1	7	1.29	0.7	1.2	12.5	0.6	170
6	1	7	1.29	0.7	1.2	13.6	0.7	200
7	1	7	1.29	0.7	1.2	13.6	0.7	220
8	1	7	1.29	0.7	1.3	15.5	0.8	260
9	1	7	1.29	0.7	1.3	16.7	0.8	300
10	1	7	1.29	0.7	1.4	17.6	0.9	320
12	1	7	1.29	0.7	1.4	18.2	0.9	370
14	1	7	1.29	0.7	1.4	19.1	1.0	410
16	1	7	1.29	0.7	1.5	20.5	1.0	470
18	1	7	1.29	0.7	1.5	21.6	1.1	510
19	1	7	1.29	0.7	1.5	21.6	1.1	530
20	1	7	1.29	0.7	1.6	23.0	1.2	580
24	1	7	1.29	0.7	1.7	25.6	1.3	690
27	1	7	1.29	0.7	1.7	26.1	1.3	750
30	1	7	1.29	0.7	1.7	27.1	1.4	820
33	1	7	1.29	0.7	1.8	28.4	1.4	900
37	1	7	1.29	0.7	1.8	29.4	1.5	990
44	1	7	1.29	0.7	1.9	33.2	1.7	1190
5	1.5	7	1.56	0.7	1.2	13.3	0.7	210
6	1.5	7	1.56	0.7	1.3	14.6	0.7	250
7	1.5	7	1.56	0.7	1.3	14.6	0.7	270
8	1.5	7	1.56	0.7	1.3	16.4	0.8	320
9	1.5	7	1.56	0.7	1.4	17.9	0.9	360
10	1.5	7	1.56	0.7	1.4	18.7	0.9	390
12	1.5	7	1.56	0.7	1.4	19.3	1.0	450
14	1.5	7	1.56	0.7	1.5	20.6	1.0	510
16	1.5	7	1.56	0.7	1.5	21.8	1.1	570
18	1.5	7	1.56	0.7	1.6	23.1	1.2	640
19	1.5	7	1.56	0.7	1.6	23.1	1.2	660
20	1.5	7	1.56	0.7	1.6	24.4	1.2	700
24	1.5	7	1.56	0.7	1.7	27.2	1.4	850
27	1.5	7	1.56	0.7	1.7	27.8	1.4	930
30	1.5	7	1.56	0.7	1.8	29.0	1.5	1010
33	1.5	7	1.56	0.7	1.8	30.2	1.5	1110
37	1.5	7	1.56	0.7	1.9	31.5	1.6	1230
44	1.5	7	1.56	0.7	2.0	35.6	1.8	1500
5	2.5	7	2.04	0.7	1.3	14.8	0.7	280
6	2.5	7	2.04	0.7	1.3	16.0	0.8	330
7	2.5	7	2.04	0.7	1.3	16.0	0.8	370
8	2.5	7	2.04	0.7	1.4	18.3	0.9	430
9	2.5	7	2.04	0.7	1.5	20.1	1.0	490
10	2.5	7	2.04	0.7	1.5	20.9	1.0	530
12	2.5	7	2.04	0.7	1.5	21.6	1.1	610
14	2.5	7	2.04	0.7	1.6	23.0	1.2	700
16	2.5	7	2.04	0.7	1.6	24.2	1.2	790
18	2.5	7	2.04	0.7	1.7	25.7	1.3	890
19	2.5	7	2.04	0.7	1.7	25.7	1.3	920
20	2.5	7	2.04	0.7	1.7	27.2	1.4	990
24	2.5	7	2.04	0.7	1.8	30.3	1.5	1180
27	2.5	7	2.04	0.7	1.9	31.2	1.6	1300
30	2.5	7	2.04	0.7	1.9	32.3	1.6	1420
33	2.5	7	2.04	0.7	2.0	33.8	1.7	1560
37	2.5	7	2.04	0.7	2.0	35.1	1.8	1750
44	2.5	7	2.04	0.7	2.2	39.8	2.0	2080



**Type: CJ86/NC  
CJ85/NC**

**Standards applied**

Design : IEC 60092-350、353  
 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°C

**Application**

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

**Construction**

Components	Code	Material/description
Series code	C	Shipboard power 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
Aarmor	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



## CABLE TYPE: CJ86/NC, CJ85/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	Dia. of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	±mm	kg/km
1	1	7	1.29	0.7	0.2	1.0	6.9	0.5	70
1	1.5	7	1.56	0.7	0.2	1.0	7.2	0.5	80
1	2.5	7	2.04	0.7	0.2	1.0	7.7	0.5	100
1	4	7	2.55	0.7	0.2	1.0	8.2	0.5	120
1	6	7	3.12	0.7	0.2	1.1	9.0	0.5	150
1	10	7	4.05	0.7	0.2	1.1	10.1	0.5	200
1	16	7	5.10	0.7	0.2	1.1	11.1	0.6	270
1	25	7	6.42	0.9	0.2	1.2	12.9	0.6	400
1	35	19	7.65	0.9	0.3	1.3	14.6	0.7	550
1	50	19	8.90	1.0	0.3	1.3	16.0	0.8	690
1	70	19	10.70	1.1	0.3	1.4	18.2	0.9	940
1	95	19	12.60	1.1	0.3	1.5	20.3	1.0	1230
1	120	37	14.21	1.2	0.3	1.6	22.3	1.1	1510
1	150	37	15.75	1.4	0.3	1.6	24.2	1.2	1810
1	185	37	17.64	1.6	0.3	1.7	26.8	1.3	2240
1	240	61	20.25	1.7	0.3	1.8	29.7	1.5	2860
1	300	61	22.68	1.8	0.3	2.0	32.5	1.6	3530
2	1	7	1.29	0.7	0.2	1.1	10.8	0.5	150
2	1.5	7	1.56	0.7	0.2	1.2	11.5	0.6	180
2	2.5	7	2.04	0.7	0.2	1.2	12.5	0.6	220
2	4	7	2.55	0.7	0.3	1.3	13.5	0.7	310
2	6	7	3.12	0.7	0.3	1.3	15.3	0.8	380
2	10	7	4.05	0.7	0.3	1.4	17.8	0.9	510
2	16	7	5.10	0.7	0.3	1.5	20.2	1.0	680
2	25	7	6.42	0.9	0.3	1.6	23.4	1.2	980
2	35	19	7.65	0.9	0.3	1.7	25.8	1.3	1250
2	50	19	8.90	1.0	0.3	1.8	28.8	1.4	1600
2	70	19	10.70	1.1	0.3	2.0	33.2	1.7	2180
2	95	19	12.60	1.1	0.4	2.1	37.5	1.9	2960
2	120	37	14.21	1.2	0.4	2.3	41.5	2.1	3640
2	150	37	15.75	1.4	0.4	2.4	45.5	2.3	4380
2	185	37	17.64	1.6	0.4	2.6	50.7	2.5	5410



# YUANYANG CABLES

**CABLE TYPE: CJ86/NC, CJ85/NC 0.6/1KV**

No. of cores	Conductor			Thickness of Insulation	Dia. of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	±mm	kg/km
3	1	7	1.29	0.7	0.2	1.2	11.6	0.6	180
3	1.5	7	1.56	0.7	0.2	1.2	12.1	0.6	210
3	2.5	7	2.04	0.7	0.2	1.2	13.2	0.7	260
3	4	7	2.55	0.7	0.3	1.3	15.0	0.8	370
3	6	7	3.12	0.7	0.3	1.3	16.2	0.8	460
3	10	7	4.05	0.7	0.3	1.4	18.9	0.9	630
3	16	7	5.10	0.7	0.3	1.5	21.4	1.1	870
3	25	7	6.42	0.9	0.3	1.7	25.1	1.3	1280
3	35	19	7.65	0.9	0.3	1.8	27.4	1.4	1640
3	50	19	8.90	1.0	0.3	1.9	30.9	1.5	2120
3	70	19	10.70	1.1	0.4	2.1	35.4	1.8	3010
3	95	19	12.60	1.1	0.4	2.2	40.2	2.0	3950
3	120	37	14.21	1.2	0.4	2.4	44.5	2.2	4870
3	150	37	15.75	1.4	0.4	2.6	48.8	2.4	5910
3	185	37	17.64	1.6	0.4	2.8	54.4	2.7	7320
3	240	61	20.25	1.7	0.4	3.0	60.8	3.0	9340
4	1	7	1.29	0.7	0.2	1.2	12.5	0.6	210
4	1.5	7	1.56	0.7	0.2	1.2	13.2	0.7	250
4	2.5	7	2.04	0.7	0.3	1.3	15.0	0.8	360
4	4	7	2.55	0.7	0.3	1.3	16.3	0.8	440
4	6	7	3.12	0.7	0.3	1.4	17.9	0.9	560
4	10	7	4.05	0.7	0.3	1.5	20.9	1.0	790
4	16	7	5.10	0.7	0.3	1.6	23.6	1.2	1090
4	25	7	6.42	0.9	0.3	1.8	27.5	1.4	1620
4	35	19	7.65	0.9	0.3	1.9	30.3	1.5	2090
4	50	19	8.90	1.0	0.3	2.0	34.1	1.7	2700
4	70	19	10.70	1.1	0.4	2.2	39.9	2.0	3840
4	95	19	12.60	1.1	0.4	2.4	44.6	2.2	5080
4	120	37	14.21	1.2	0.4	2.6	49.2	2.5	6280
4	150	37	15.75	1.4	0.4	2.8	54.2	2.7	7630
4	185	37	17.64	1.6	0.4	3.0	60.5	3.0	9450
2C+E	1	7	1.29	0.7	0.2	1.2	11.6	0.6	180
2C+E	1.5	7	1.56	0.7	0.2	1.2	12.1	0.6	210
2C+E	2.5	7	2.04	0.7	0.2	1.2	13.2	0.7	260
2C+E	4	7	2.55	0.7	0.3	1.3	15.0	0.8	370
2C+E	6	7	3.12	0.7	0.3	1.3	16.2	0.8	460
2C+E	10	7	4.05	0.7	0.3	1.4	18.9	0.9	630
2C+E	16	7	5.10	0.7	0.3	1.5	21.4	1.1	870
2C	25	7	6.42	0.9	0.3	1.7	25.1	1.3	1190
E	16	7	5.10	0.7	0.3	1.7	25.1	1.3	1190
2C	35	19	7.65	0.9	0.3	1.7	26.8	1.3	1520
E	25	7	6.42	0.9	0.3	1.7	26.8	1.3	1520
2C	50	19	8.90	1.0	0.3	1.8	29.7	1.5	1860
E	25	7	6.42	0.9	0.3	1.8	29.7	1.5	1860
2C	70	19	10.70	1.1	0.3	2.0	34.2	1.7	2520
E	35	19	7.65	0.9	0.3	2.0	34.2	1.7	2520
2C	95	19	12.60	1.1	0.4	2.2	39.2	2.0	3440
E	50	19	8.90	1.0	0.4	2.2	39.2	2.0	3440
2C	120	37	14.21	1.2	0.4	2.3	43.3	2.2	4300
E	70	19	10.70	1.1	0.4	2.3	43.3	2.2	4300
2C	150	37	15.75	1.4	0.4	2.5	47.6	2.4	5150
E	95	19	12.60	1.1	0.4	2.5	47.6	2.4	5150
2C	185	37	17.64	1.6	0.4	2.7	53.0	2.7	6330
E	95	19	12.60	1.1	0.4	2.7	53.0	2.7	6330





## CABLE TYPE: CJ86/NC, CJ85/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	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	kg/km
3C+E	1	7	1.29	0.7	0.2	1.2	12.5	0.6	210
3C+E	1.5	7	1.56	0.7	0.2	1.2	13.2	0.7	250
3C+E	2.5	7	2.04	0.7	0.3	1.3	15.0	0.8	360
3C+E	4	7	2.55	0.7	0.3	1.3	16.3	0.8	440
3C+E	6	7	3.12	0.7	0.3	1.4	17.9	0.9	560
3C+E	10	7	4.05	0.7	0.3	1.5	20.9	1.0	790
3C+E	16	7	5.10	0.7	0.3	1.6	23.6	1.2	1090
3C	25	7	6.42	0.9	0.3	1.8	27.8	1.4	1530
E	16	7	5.10	0.7					
3C	35	19	7.65	0.9	0.3	1.8	29.9	1.5	1970
E	25	7	6.42	0.9					
3C	50	19	8.90	1.0	0.3	1.9	32.7	1.6	2440
E	25	7	6.42	0.9					
3C	70	19	10.70	1.1	0.4	2.1	38.1	1.9	3440
E	35	19	7.65	0.9					
3C	95	19	12.60	1.1	0.4	2.3	42.8	2.1	4530
E	50	19	8.90	1.0					
3C	120	37	14.21	1.2	0.4	2.5	47.9	2.4	5690
E	70	19	10.70	1.1					
3C	150	37	15.75	1.4	0.4	2.7	53.0	2.7	7020
E	95	19	12.60	1.1					
3C	185	37	17.64	1.6	0.4	2.9	57.7	2.9	8410
E	95	19	12.60	1.1					
3C	240	61	20.25	1.7	0.4	3.1	64.4	3.0	10670
E	120	37	14.21	1.2					
4C+E	1	7	1.29	0.7	0.2	1.2	13.5	0.7	230
4C+E	1.5	7	1.56	0.7	0.3	1.3	15.0	0.8	310
4C+E	2.5	7	2.04	0.7	0.3	1.3	16.3	0.8	390
4C+E	4	7	2.55	0.7	0.3	1.4	17.8	0.9	520
4C+E	6	7	3.12	0.7	0.3	1.5	19.7	1.0	670
4C+E	10	7	4.05	0.7	0.3	1.6	22.3	1.1	940
4C+E	16	7	5.10	0.7	0.3	1.7	25.3	1.3	1320
4C	25	7	6.42	0.9	0.3	1.9	30.5	1.5	1890
E	16	7	5.10	0.7					
4C	35	19	7.65	0.9	0.3	2.0	33.3	1.7	2450
E	25	7	6.42	0.9					
4C	50	19	8.90	1.0	0.4	2.1	37.3	1.9	3180
E	25	7	6.42	0.9					
4C	70	19	10.70	1.1	0.4	2.3	42.6	2.1	4330
E	35	19	7.65	0.9					
4C	95	19	12.60	1.1	0.4	2.5	47.9	2.4	5710
E	50	19	8.90	1.0					
4C	120	37	14.21	1.2	0.4	2.7	53.6	2.7	7160
E	70	19	10.70	1.1					
4C	150	37	15.75	1.4	0.4	2.9	59.1	3.0	8800
E	95	19	12.60	1.1					
4C	185	37	17.64	1.6	0.4	3.1	64.7	3.0	10860
E	95	19	12.60	1.1					



## CABLE TYPE: CJ86/NC, CJ85/NC 0.6/1KV

No. of cores	Conductor			Thickness of Insulation	Dia. of wire for armour	Thickness of outer sheath	Overall diameter		Approx. weight
	Nominal Area	Number of wires	Nom. Dia.				Nominal	Tol.	
No.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	±mm	kg/km
5	1	7	1.29	0.7	0.2	1.2	13.5	0.7	230
6	1	7	1.29	0.7	0.3	1.3	15.3	0.8	310
7	1	7	1.29	0.7	0.3	1.3	15.3	0.8	330
8	1	7	1.29	0.7	0.3	1.4	17.2	0.9	380
9	1	7	1.29	0.7	0.3	1.4	18.4	0.9	420
10	1	7	1.29	0.7	0.3	1.4	19.1	1.0	450
12	1	7	1.29	0.7	0.3	1.5	20.0	1.0	510
14	1	7	1.29	0.7	0.3	1.5	20.9	1.0	560
16	1	7	1.29	0.7	0.3	1.5	22.0	1.1	620
18	1	7	1.29	0.7	0.3	1.6	23.3	1.2	680
19	1	7	1.29	0.7	0.3	1.6	23.3	1.2	700
20	1	7	1.29	0.7	0.3	1.6	24.5	1.2	740
24	1	7	1.29	0.7	0.3	1.7	27.1	1.4	870
27	1	7	1.29	0.7	0.3	1.8	27.6	1.4	950
30	1	7	1.29	0.7	0.3	1.8	28.8	1.4	1030
33	1	7	1.29	0.7	0.3	1.8	29.9	1.5	1100
37	1	7	1.29	0.7	0.3	1.9	31.1	1.6	1220
44	1	7	1.29	0.7	0.3	2.0	34.9	1.7	1430
5	1.5	7	1.56	0.7	0.3	1.3	15.0	0.8	310
6	1.5	7	1.56	0.7	0.3	1.3	16.1	0.8	360
7	1.5	7	1.56	0.7	0.3	1.3	16.1	0.8	380
8	1.5	7	1.56	0.7	0.3	1.4	18.1	0.9	440
9	1.5	7	1.56	0.7	0.3	1.5	19.4	1.0	500
10	1.5	7	1.56	0.7	0.3	1.5	20.5	1.0	530
12	1.5	7	1.56	0.7	0.3	1.5	21.1	1.1	590
14	1.5	7	1.56	0.7	0.3	1.6	22.1	1.1	670
16	1.5	7	1.56	0.7	0.3	1.6	23.5	1.2	740
18	1.5	7	1.56	0.7	0.3	1.6	24.6	1.2	810
19	1.5	7	1.56	0.7	0.3	1.6	24.6	1.2	830
20	1.5	7	1.56	0.7	0.3	1.7	26.1	1.3	890
24	1.5	7	1.56	0.7	0.3	1.8	28.9	1.4	1050
27	1.5	7	1.56	0.7	0.3	1.8	29.5	1.5	1140
30	1.5	7	1.56	0.7	0.3	1.9	30.5	1.5	1240
33	1.5	7	1.56	0.7	0.3	1.9	31.9	1.6	1340
37	1.5	7	1.56	0.7	0.3	2.0	33.0	1.7	1470
44	1.5	7	1.56	0.7	0.4	2.1	37.8	1.9	1850
5	2.5	7	2.04	0.7	0.3	1.3	16.3	0.8	390
6	2.5	7	2.04	0.7	0.3	1.4	17.7	0.9	460
7	2.5	7	2.04	0.7	0.3	1.4	17.7	0.9	490
8	2.5	7	2.04	0.7	0.3	1.5	20.1	1.0	570
9	2.5	7	2.04	0.7	0.3	1.5	21.6	1.1	630
10	2.5	7	2.04	0.7	0.3	1.6	22.6	1.1	700
12	2.5	7	2.04	0.7	0.3	1.6	23.3	1.2	780
14	2.5	7	2.04	0.7	0.3	1.6	24.5	1.2	870
16	2.5	7	2.04	0.7	0.3	1.7	25.9	1.3	980
18	2.5	7	2.04	0.7	0.3	1.7	27.2	1.4	1080
19	2.5	7	2.04	0.7	0.3	1.7	27.2	1.4	1110
20	2.5	7	2.04	0.7	0.3	1.8	28.9	1.4	1190
24	2.5	7	2.04	0.7	0.3	1.9	32.0	1.6	1400
27	2.5	7	2.04	0.7	0.3	2.0	32.7	1.6	1540
30	2.5	7	2.04	0.7	0.3	2.0	34.0	1.7	1670
33	2.5	7	2.04	0.7	0.3	2.0	35.3	1.8	1800
37	2.5	7	2.04	0.7	0.4	2.1	37.3	1.9	2100
44	2.5	7	2.04	0.7	0.4	2.3	42.0	2.1	2500



**Type: CJPF86/NC, CJPJ85/NC  
CJPF96/NC, CJPJ95/NC**

#### Standards applied

Design : IEC 60092-350、353  
 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°C

#### Application

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

#### Construction

Components	Code	Material/description
Series code	C	Shipboard power 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



## CABLE TYPE: CJPF86/NC, CJPJ85/NC, CJPF96/NC, CJPJ95/NC 0.6/1KV

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.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	mm	±mm	kg/km	
1	1	7	1.29	0.7	0.9	5.7	0.2	0.8	8.4	0.5	110
1	1.5	7	1.56	0.7	1.0	6.0	0.2	0.8	8.7	0.5	120
1	2.5	7	2.04	0.7	1.0	6.5	0.2	0.8	9.2	0.5	140
1	4	7	2.55	0.7	1.0	7.0	0.2	0.8	9.7	0.5	160
1	6	7	3.12	0.7	1.0	7.6	0.2	0.8	10.3	0.5	190
1	10	7	4.05	0.7	1.1	8.9	0.2	0.8	11.8	0.6	260
1	16	7	5.10	0.7	1.1	9.9	0.2	0.9	12.8	0.6	330
1	25	7	6.42	0.9	1.2	11.7	0.3	0.9	15.3	0.8	500
1	35	19	7.65	0.9	1.2	12.7	0.3	1.0	16.3	0.8	630
1	50	19	8.90	1.0	1.3	14.3	0.3	1.0	18.1	0.9	790
1	70	19	10.70	1.1	1.4	16.3	0.3	1.1	20.1	1.0	1050
1	95	19	12.60	1.1	1.4	18.3	0.3	1.1	22.3	1.1	1350
1	120	37	14.21	1.2	1.5	20.4	0.3	1.2	24.7	1.2	1650
1	150	37	15.75	1.4	1.6	22.5	0.3	1.2	27.0	1.4	1980
1	185	37	17.64	1.6	1.7	25.1	0.3	1.3	29.8	1.5	2440
1	240	61	20.25	1.7	1.8	28.0	0.3	1.4	32.9	1.6	3090
1	300	61	22.68	1.8	1.9	30.8	0.4	1.4	36.4	1.8	3840
2	1	7	1.29	0.7	1.1	9.8	0.2	0.9	12.7	0.6	220
2	1.5	7	1.56	0.7	1.1	10.3	0.3	0.9	13.7	0.7	270
2	2.5	7	2.04	0.7	1.2	11.5	0.3	0.9	15.1	0.8	320
2	4	7	2.55	0.7	1.2	12.5	0.3	0.9	16.1	0.8	380
2	6	7	3.12	0.7	1.3	13.6	0.3	1.0	17.2	0.9	470
2	10	7	4.05	0.7	1.3	16.1	0.3	1.0	19.9	1.0	600
2	16	7	5.10	0.7	1.4	18.4	0.3	1.1	22.4	1.1	800
2	25	7	6.42	0.9	1.5	21.7	0.3	1.2	26.0	1.3	1130
2	35	19	7.65	0.9	1.6	24.1	0.3	1.2	28.6	1.4	1420
2	50	19	8.90	1.0	1.8	27.1	0.3	1.3	31.8	1.6	1810
2	70	19	10.70	1.1	1.9	31.5	0.4	1.4	37.1	1.9	2500
2	95	19	12.60	1.1	2.1	35.3	0.4	1.6	41.1	2.1	3290
2	120	37	14.21	1.2	2.2	39.3	0.4	1.7	45.5	2.3	4010
2	150	37	15.75	1.4	2.4	43.3	0.4	1.8	49.7	2.5	4840
2	185	37	17.64	1.6	2.6	48.5	0.4	1.9	55.3	2.8	5940



## CABLE TYPE: CJPF86/NC, CJPJ85/NC, CJPF96/NC, CJPJ95/NC 0.6/1KV

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.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	mm	±mm	kg/km	
3	1	7	1.29	0.7	1.1	10.4	0.3	0.9	13.8	0.7	270
3	1.5	7	1.56	0.7	1.1	10.9	0.3	0.9	14.3	0.7	300
3	2.5	7	2.04	0.7	1.2	12.2	0.3	0.9	15.8	0.8	370
3	4	7	2.55	0.7	1.2	13.3	0.3	1.0	16.9	0.8	450
3	6	7	3.12	0.7	1.3	14.7	0.3	1.0	18.5	0.9	550
3	10	7	4.05	0.7	1.4	17.4	0.3	1.1	21.4	1.1	750
3	16	7	5.10	0.7	1.5	19.9	0.3	1.1	24.2	1.2	1000
3	25	7	6.42	0.9	1.6	23.4	0.3	1.2	27.9	1.4	1440
3	35	19	7.65	0.9	1.7	25.9	0.3	1.3	30.6	1.5	1830
3	50	19	8.90	1.0	1.8	29.2	0.3	1.4	34.1	1.7	2340
3	70	19	10.70	1.1	2.0	33.9	0.4	1.5	39.7	2.0	3270
3	95	19	12.60	1.1	2.2	38.0	0.4	1.6	44.0	2.2	4300
3	120	37	14.21	1.2	2.3	42.3	0.4	1.7	48.7	2.4	5270
3	150	37	15.75	1.4	2.5	46.8	0.4	1.8	53.6	2.7	6370
3	185	37	17.64	1.6	2.7	52.4	0.4	2.0	59.6	3.0	7890
3	240	61	20.25	1.7	3.0	58.6	0.4	2.2	66.2	3.0	10110
4	1	7	1.29	0.7	1.2	11.3	0.3	0.9	14.7	0.7	310
4	1.5	7	1.56	0.7	1.2	12.2	0.3	0.9	15.8	0.8	350
4	2.5	7	2.04	0.7	1.2	13.3	0.3	1.0	16.9	0.8	440
4	4	7	2.55	0.7	1.3	14.8	0.3	1.0	18.6	0.9	540
4	6	7	3.12	0.7	1.3	16.2	0.3	1.0	20.0	1.0	660
4	10	7	4.05	0.7	1.4	19.1	0.3	1.1	23.1	1.2	910
4	16	7	5.10	0.7	1.5	21.9	0.3	1.2	26.2	1.3	1240
4	25	7	6.42	0.9	1.7	26.0	0.3	1.3	30.7	1.5	1810
4	35	19	7.65	0.9	1.8	28.8	0.3	1.4	33.7	1.7	2320
4	50	19	8.90	1.0	2.0	32.4	0.4	1.5	38.0	1.9	3070
4	70	19	10.70	1.1	2.2	37.7	0.4	1.6	43.7	2.2	4200
4	95	19	12.60	1.1	2.3	42.4	0.4	1.7	48.8	2.4	5470
4	120	37	14.21	1.2	2.5	47.2	0.4	1.9	54.0	2.7	6770
4	150	37	15.75	1.4	2.7	52.2	0.4	2.0	59.4	3.0	8200
4	185	37	17.64	1.6	2.9	58.3	0.4	2.1	65.9	3.0	10150
2C+E	1	7	1.29	0.7	1.1	10.4	0.3	0.9	13.8	0.7	270
2C+E	1.5	7	1.56	0.7	1.1	10.9	0.3	0.9	14.3	0.7	300
2C+E	2.5	7	2.04	0.7	1.2	12.2	0.3	0.9	15.8	0.8	370
2C+E	4	7	2.55	0.7	1.2	13.3	0.3	1.0	16.9	0.8	450
2C+E	6	7	3.12	0.7	1.3	14.7	0.3	1.0	18.5	0.9	550
2C+E	10	7	4.05	0.7	1.4	17.4	0.3	1.1	21.4	1.1	750
2C+E	16	7	5.10	0.7	1.5	19.9	0.3	1.1	24.2	1.2	1000
2C	25	7	6.42	0.9	1.6	23.4	0.3	1.2	27.6	1.4	1340
E	16	7	5.10	0.7							
2C	35	19	7.65	0.9	1.7	25.5	0.3	1.3	29.6	1.5	1720
E	25	7	6.42	0.9							
2C	50	19	8.90	1.0	1.8	28.4	0.3	1.3	32.5	1.6	2070
E	25	7	6.42	0.9							
2C	70	19	10.70	1.1	1.9	32.7	0.4	1.5	37.6	1.9	2870
E	35	19	7.65	0.9							
2C	95	19	12.60	1.1	2.1	37.3	0.4	1.6	42.4	2.1	3760
E	50	19	8.90	1.0							
2C	120	37	14.21	1.2	2.3	41.6	0.4	1.7	46.9	2.3	4700
E	70	19	10.70	1.1							
2C	150	37	15.75	1.4	2.4	45.7	0.4	1.8	51.2	2.6	5590
E	95	19	12.60	1.1							
2C	185	37	17.64	1.6	2.6	51.1	0.4	1.9	56.8	2.8	6840
E	95	19	12.60	1.1							



## CABLE TYPE: CJPF86/NC, CJPJ85/NC, CJPF96/NC, CJPJ95/NC 0.6/1KV

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.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	mm	±mm	kg/km	
5	1	7	1.29	0.7	1.2	12.5	0.3	0.9	16.1	0.8	340
6	1	7	1.29	0.7	1.2	13.6	0.3	1.0	17.2	0.9	390
7	1	7	1.29	0.7	1.2	13.6	0.3	1.0	17.2	0.9	410
8	1	7	1.29	0.7	1.3	15.5	0.3	1.0	19.3	1.0	470
9	1	7	1.29	0.7	1.3	16.7	0.3	1.1	20.5	1.0	540
10	1	7	1.29	0.7	1.4	17.6	0.3	1.1	21.6	1.1	570
12	1	7	1.29	0.7	1.4	18.2	0.3	1.1	22.2	1.1	620
14	1	7	1.29	0.7	1.4	19.1	0.3	1.1	23.1	1.2	680
16	1	7	1.29	0.7	1.5	20.5	0.3	1.1	24.8	1.2	750
18	1	7	1.29	0.7	1.5	21.6	0.3	1.2	25.9	1.3	830
19	1	7	1.29	0.7	1.5	21.6	0.3	1.2	25.9	1.3	850
20	1	7	1.29	0.7	1.6	23.0	0.3	1.2	27.5	1.4	910
24	1	7	1.29	0.7	1.7	25.6	0.3	1.3	30.3	1.5	1070
27	1	7	1.29	0.7	1.7	26.1	0.3	1.3	30.8	1.5	1140
30	1	7	1.29	0.7	1.7	27.1	0.3	1.3	31.8	1.6	1220
33	1	7	1.29	0.7	1.8	28.4	0.3	1.3	33.3	1.7	1320
37	1	7	1.29	0.7	1.8	29.4	0.3	1.4	34.3	1.7	1440
44	1	7	1.29	0.7	1.9	33.2	0.4	1.5	38.8	1.9	1810
5	1.5	7	1.56	0.7	1.2	13.3	0.3	1.0	16.9	0.8	390
6	1.5	7	1.56	0.7	1.3	14.6	0.3	1.0	18.4	0.9	450
7	1.5	7	1.56	0.7	1.3	14.6	0.3	1.0	18.4	0.9	480
8	1.5	7	1.56	0.7	1.3	16.4	0.3	1.1	20.2	1.0	560
9	1.5	7	1.56	0.7	1.4	17.9	0.3	1.1	21.9	1.1	610
10	1.5	7	1.56	0.7	1.4	18.7	0.3	1.1	22.7	1.1	650
12	1.5	7	1.56	0.7	1.4	19.3	0.3	1.1	23.3	1.2	730
14	1.5	7	1.56	0.7	1.5	20.6	0.3	1.2	24.9	1.2	810
16	1.5	7	1.56	0.7	1.5	21.8	0.3	1.2	26.1	1.3	880
18	1.5	7	1.56	0.7	1.6	23.1	0.3	1.2	27.6	1.4	970
19	1.5	7	1.56	0.7	1.6	23.1	0.3	1.2	27.6	1.4	1000
20	1.5	7	1.56	0.7	1.6	24.4	0.3	1.2	28.9	1.4	1060
24	1.5	7	1.56	0.7	1.7	27.2	0.3	1.3	31.9	1.6	1260
27	1.5	7	1.56	0.7	1.7	27.8	0.3	1.3	32.5	1.6	1350
30	1.5	7	1.56	0.7	1.8	29.0	0.3	1.4	33.9	1.7	1470
33	1.5	7	1.56	0.7	1.8	30.2	0.4	1.4	35.1	1.8	1660
37	1.5	7	1.56	0.7	1.9	31.5	0.4	1.4	37.1	1.9	1790
44	1.5	7	1.56	0.7	2.0	35.6	0.4	1.6	41.4	2.1	2180
5	2.5	7	2.04	0.7	1.3	14.8	0.3	1.0	18.6	0.9	490
6	2.5	7	2.04	0.7	1.3	16.0	0.3	1.0	19.8	1.0	550
7	2.5	7	2.04	0.7	1.3	16.0	0.3	1.0	19.8	1.0	590
8	2.5	7	2.04	0.7	1.4	18.3	0.3	1.1	22.3	1.1	690
9	2.5	7	2.04	0.7	1.5	20.1	0.3	1.1	24.4	1.2	770
10	2.5	7	2.04	0.7	1.5	20.9	0.3	1.2	25.2	1.3	840
12	2.5	7	2.04	0.7	1.5	21.6	0.3	1.2	25.9	1.3	930
14	2.5	7	2.04	0.7	1.6	23.0	0.3	1.2	27.5	1.4	1040
16	2.5	7	2.04	0.7	1.6	24.2	0.3	1.2	28.7	1.4	1140
18	2.5	7	2.04	0.7	1.7	25.7	0.3	1.3	30.4	1.5	1280
19	2.5	7	2.04	0.7	1.7	25.7	0.3	1.3	30.4	1.5	1310
20	2.5	7	2.04	0.7	1.7	27.2	0.3	1.3	31.9	1.6	1400
24	2.5	7	2.04	0.7	1.8	30.3	0.4	1.4	35.2	1.8	1730
27	2.5	7	2.04	0.7	1.9	31.2	0.4	1.4	36.8	1.8	1860
30	2.5	7	2.04	0.7	1.9	32.3	0.4	1.5	37.9	1.9	2020
33	2.5	7	2.04	0.7	2.0	33.8	0.4	1.5	39.6	2.0	2180
37	2.5	7	2.04	0.7	2.0	35.1	0.4	1.5	40.9	2.0	2410
44	2.5	7	2.04	0.7	2.2	39.8	0.4	1.7	46.0	2.3	2870



## CABLE TYPE: CJPF86/NC, CJPJ85/NC, CJPF96/NC, CJPJ95/NC 0.6/1KV

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.	mm <sup>2</sup>	ea.	mm	mm	mm	mm	mm	mm	mm	±mm	kg/km
3C+E	1	7	1.29	0.7	1.2	11.3	0.3	0.9	14.7	0.7	310
3C+E	1.5	7	1.56	0.7	1.2	12.2	0.3	0.9	15.8	0.8	350
3C+E	2.5	7	2.04	0.7	1.2	13.3	0.3	1.0	16.9	0.8	440
3C+E	4	7	2.55	0.7	1.3	14.8	0.3	1.0	18.6	0.9	540
3C+E	6	7	3.12	0.7	1.3	16.2	0.3	1.0	20.0	1.0	660
3C+E	10	7	4.05	0.7	1.4	19.1	0.3	1.1	23.1	1.2	910
3C+E	16	7	5.10	0.7	1.5	21.9	0.3	1.2	26.2	1.3	1240
3C	25	7	6.42	0.9	1.7	26.0	0.3	1.3	30.4	1.5	1720
E	16	7	5.10	0.7							
3C	35	19	7.65	0.9	1.8	28.6	0.3	1.3	32.7	1.6	2190
E	25	7	6.42	0.9							
3C	50	19	8.90	1.0	1.9	31.4	0.4	1.4	36.1	1.8	2770
E	25	7	6.42	0.9							
3C	70	19	10.70	1.1	2.1	36.4	0.4	1.6	41.5	2.1	3780
E	35	19	7.65	0.9							
3C	95	19	12.60	1.1	2.2	40.9	0.4	1.7	46.2	2.3	4900
E	50	19	8.90	1.0							
3C	120	37	14.21	1.2	2.4	46.0	0.4	1.8	51.5	2.6	6130
E	70	19	10.70	1.1							
3C	150	37	15.75	1.4	2.6	51.1	0.4	1.9	56.8	2.8	7530
E	95	19	12.60	1.1							
3C	185	37	17.64	1.6	2.8	55.8	0.4	2.0	61.7	3.0	9000
E	95	19	12.60	1.1							
3C	240	61	20.25	1.7	3.0	62.5	0.4	2.2	69.0	3.0	11430
E	120	37	14.21	1.2							
4C+E	1	7	1.29	0.7	1.2	12.5	0.3	0.9	16.1	0.8	340
4C+E	1.5	7	1.56	0.7	1.2	13.3	0.3	1.0	16.9	0.8	390
4C+E	2.5	7	2.04	0.7	1.3	14.8	0.3	1.0	18.6	0.9	490
4C+E	4	7	2.55	0.7	1.3	16.3	0.3	1.0	19.8	1	620
4C+E	6	7	3.12	0.7	1.4	18.2	0.3	1.1	21.9	1.1	790
4C+E	10	7	4.05	0.7	1.5	20.8	0.3	1.2	24.7	1.2	1090
4C+E	16	7	5.10	0.7	1.6	23.8	0.3	1.2	27.7	1.4	1470
4C	25	7	6.42	0.9	1.8	29.0	0.3	1.4	33.3	1.7	2110
E	16	7	5.10	0.7							
4C	35	19	7.65	0.9	1.9	31.8	0.4	1.4	36.5	1.8	2770
E	25	7	6.42	0.9							
4C	50	19	8.90	1.0	2.0	35.2	0.4	1.5	40.1	2.0	3440
E	25	7	6.42	0.9							
4C	70	19	10.70	1.1	2.2	40.7	0.4	1.7	46.0	2.3	4700
E	35	19	7.65	0.9							
4C	95	19	12.60	1.1	2.4	46.0	0.4	1.8	51.5	2.6	6150
E	50	19	8.90	1.0							
4C	120	37	14.21	1.2	2.6	51.7	0.4	1.9	57.4	2.9	7680
E	70	19	10.70	1.1							
4C	150	37	15.75	1.4	2.8	57.2	0.4	2.1	63.5	3.0	9470
E	95	19	12.60	1.1							
4C	185	37	17.64	1.6	3.1	63.0	0.4	2.2	69.5	3.0	11660
E	95	19	12.60	1.1							