

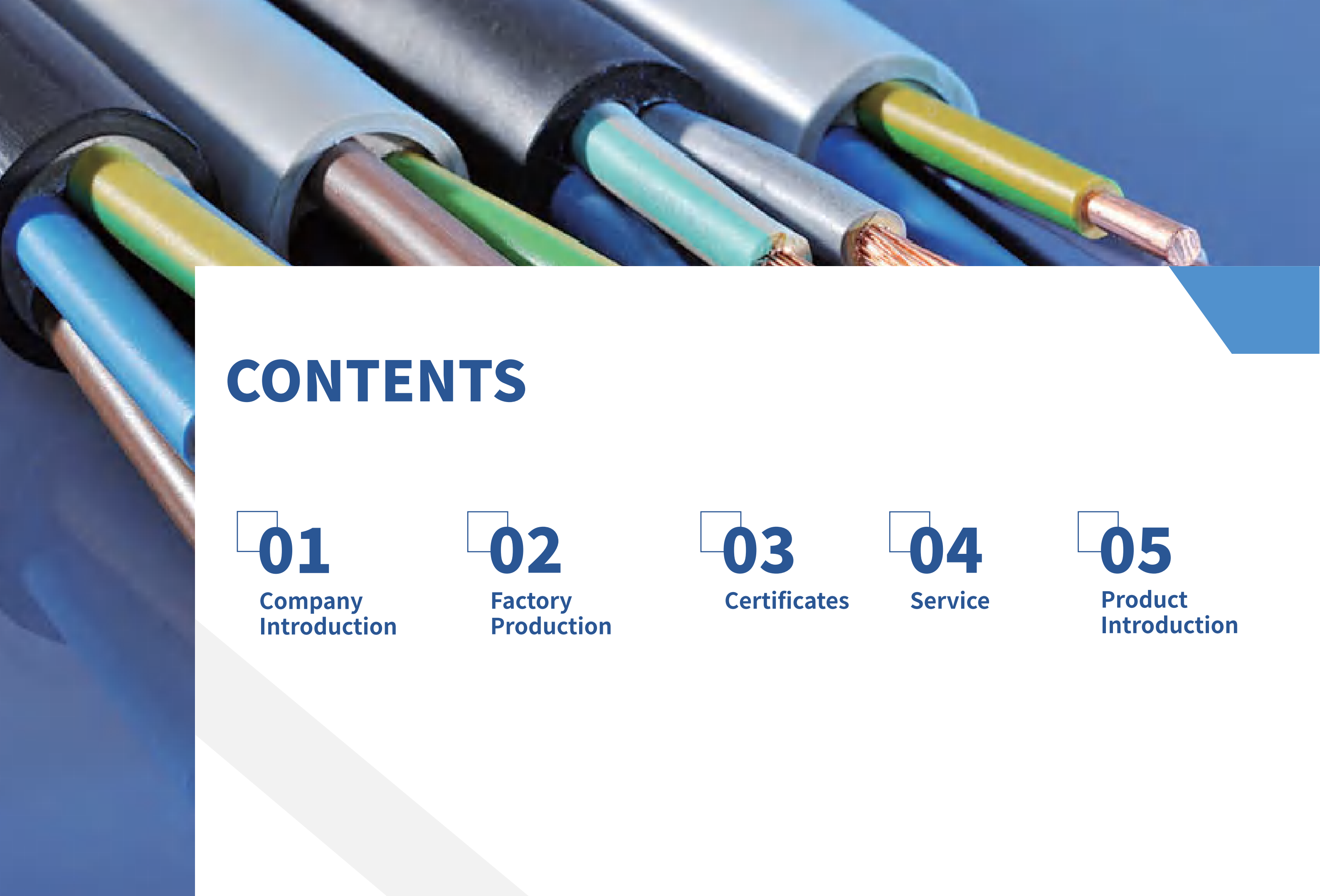


XIJIANG YUE CABLE CO., LTD

>> 西江月线缆

SHANGHAI QIFAN CABLE CO., LTD
ZETASTONE CABLE CO., LTD

Address: No. 100A, Building 10, Light Industry Mall,
Hefei City, Anhui Province, China
Tel: 0551-65603223
Cell phone: 18956023426
E-mail: info@xijiangyuecable.com



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Introduction

OUR BUSINESS

Xijiangyue Cable Co., Ltd. is a cable with more than 25 years of experience, specializing in wire and cable production, sales, distribution, delivery and other integrated services, and strive to build a leading domestic and world-class technology-based wire and cable enterprises, is now with the two leading domestic cable suppliers factory cooperation: Zhejiang Zhongda Yuantong Cable Co.,Ltd、ShanghaiQifanCableCo.,Ltd. to ensure that customers get a higher cost-effective, better product quality.



The company's products cover household cables, power cables, communication cables and rubber cables four categories, including 220kV and the following plastic insulated power cables, 35kV and the following rubber insulated wires and cables, fire-resistant cables, cold-resistant cables, control cables, computer cables, photovoltaic cables, wind power cables and so on nearly 30 series, a total of nearly 4,000 models, more than 50,000 specifications. At present, the products have been exported to more than 20 countries and regions.

CORPORATE PHILOSOPHY



Three combinations
Scale production, fine management, differentiated management



Business model
Product + brand + channel + service



Service slogan
More, faster, better, save

Export
20 countries

Industry experience
25 years

certificates
30 remainder

Factory production diagram

Advanced Production Equipment



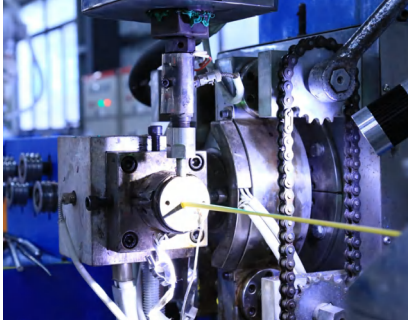
Medium Voltage Cable CCV Production Line



HIEHOFF Double Head Copper Drawing



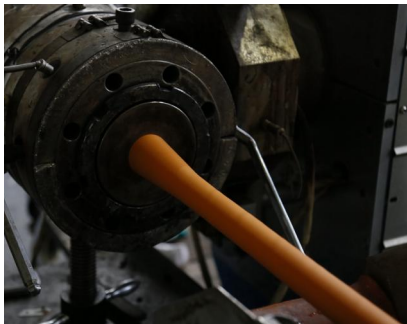
Medium Voltage Cable CCV Production Line



Tube Stranding Machine Machine



Bunching Machine Machine



Superior equipment is a guarantee of product quality, and high tech and automated production facilities are aprerequisite for producing high quality products.

Certificates of cooperating factories



High-tech Certificates



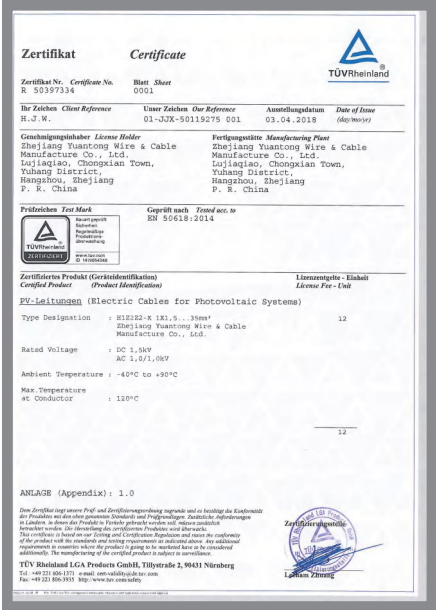
Production License

100%Strength Brand

The company has more than 300 patent certificates for wire and cable products, and has passed many international and domestic professional certifications such as UL, TUV, MA, ISO9001, ISO14001, ISO18001, etc., awarded the national authoritative testing of qualified and quality



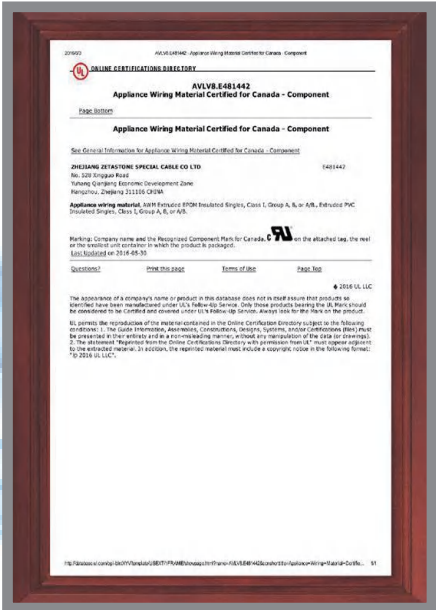
CE Certification



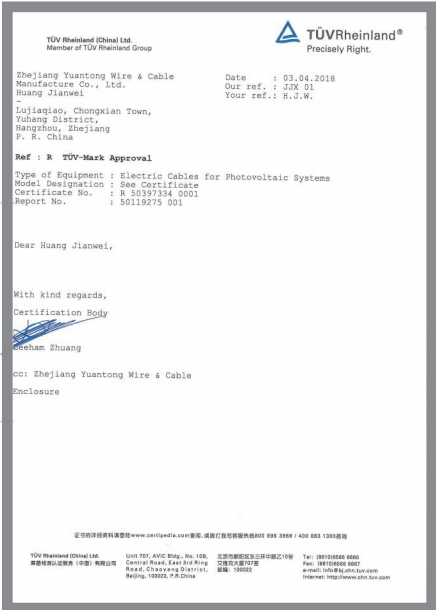
TUV Certification



CCC Certification



UL Certification



TUV Certification



Products Certification (PCCC)

We have 30 remainder

Experienced, with a number of **invention patents** and utility model patent certificates, **strength quality**.



Our Services



01 High quality products

Conforms to international standards and meets high customer requirements.



02 Sufficient stock

Perfect supply chain system to ensure sufficient product inventory.



03 Customized service

Customized products to meet diverse application scenarios.



04 National project experience

Has participated in a number of major national engineering projects and has extensive experience in the industry.



Attentive service, quality without worry, solid manufacturers, rich and diversified products.



Civil Household Wires

Photovoltaic cable

Communication Cables

Control Cables

Power Cables

Specialty Cables

Other Cables

PVC Insulated Wire



Working temperature

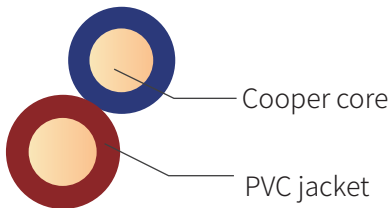
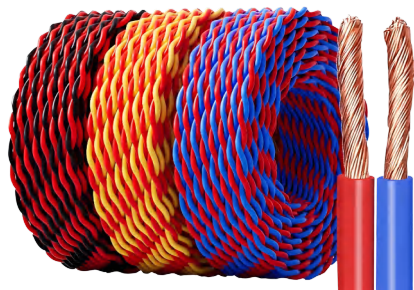
BV-90 model not more than 90°C, others not more than 70°C, installation temperature not lower than 0°C.

Application

Thls product ls fit for ac rated voltage 450,750N.

Model	N a m e
BV	Copper core PVC insulation power wire
BLV	Aluminium core PVC insulation power wire
BVR	Copper core PVC insulation flexible power wire
BVV	Copper core PVC insulationPVC sheath round insulation powerwire
BV-90	Copper core 90°C PVC insulation power wire
BVVB	Copper core PVC insulationPVC sheath parellelinsulation power wire
BLVVB	Aluminum core PVC insulationPVC sheath parellel insulation power wire

PVC Insulated Flexible Wire



Working temperature

RV-90 model not more than 90°C, others not more than 70°C installation temperature not lower than 0°C .

Application

This product is fit for acrated voltage 450/750V and below of domestic electrical appliances, of smaller size motorized tools, of instrument, of various meters and motorized lightning installations.

Model	Name
RV	Copper core PVC insulation jointed flexible line
RVB	Aluminium core PVC insulation parallel jointed flexible line
RVS	Copper core PVC insulation twisted jointed flexible line
SVR	Copper core PVC insulation lightning installations jointed flexible line
RVV	Copper core PVC insulation PVC sheath round jointed flexible line
RVV-90	Copper core 90°C PVC insulation PVC sheath round jointed flexible line
RV-90	Copper core 90°C PVC insulation power line
RVVB	Copper core PVC insulation PVC sheath parallel jointed flexible line

RV 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.5	16/0.2	2.1	2.5	9.1	26
0.75	24/0.2	2.2	2.7	12.2	19.5
1	32/0.2	2.4	2.8	15.1	13.3

RV 450/750V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
1.5	30/0.25	2.8	3.4	21.5	13.3
2.5	49/0.25	3.4	4.1	24.5	7.98
4	56/0.30	3.9	4.8	51.8	4.05
6	84/0.30	4.4	5.3	74.7	3.3
10	84/0.40	5.7	6.8	124	1.91
16	134/0.40	6.7	8.1	188	1.21
25	210/0.40	8.4	10.2	295	0.78
35	294/0.40	9.7	11.7	400	0.554
50	420/0.40	11.5	13.9	547	0.386
70	356/0.50	13.2	16	771	0.272
95	484/0.50	15.1	18.2	1010	0.206
120	612/0.50	16.7	20.2	1239	0.161
150	765/0.50	18.6	22.5	1544	0.129
185	942/0.50	20.6	24.9	1900	0.105
240	1224/0.50	23.5	28.4	2478	0.0801

RVB 300/300V

Nomainal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conducor resstancea at20°C(Ω /km)
		Min.	Max		
0.5	16/0.2	2.5×5.0	3.0×6.0	11	39
0.75	24/0.2	2.7×5.4	3.2×6.4	14.4	26

RVS 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω/km)
2×0.5	28/0.15	6	28.8	39
2×0.75	43/0.15	6.2	35.4	26

SVR 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω/km)
		Min.	Max		
0.5	16/0.2	2.3	2.7	9.1	39
0.75	24/0.2	2.4	2.9	12.2	26

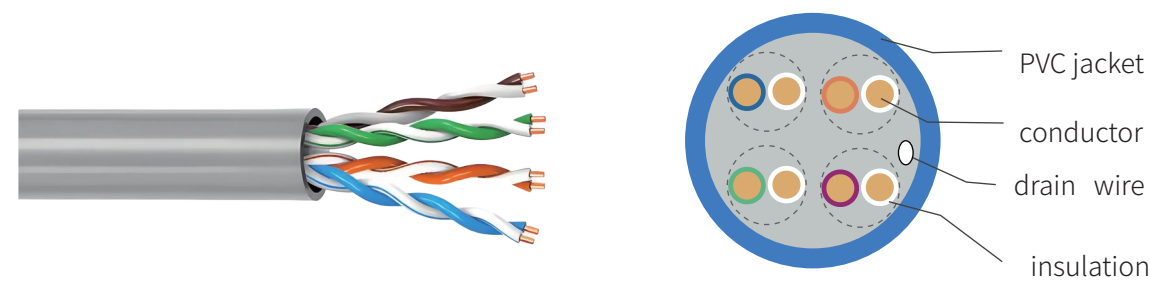
RVV RVV-90 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω/km)
		Min.	Max		
2×0.5	16/0.2	4.6或3.0×4.9	5.9或3.7×5.9	31.5	39.0
2×0.75	24/0.2	4.9或3.2×5.2	6.3或3.9×6.4	40.0	26.0
3×0.5	16/0.2	4.9	6.3	40.6	39.0
3×0.75	24/0.2	5.2	6.7	51.8	26.0

RVV RVV-90 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω/km)
		Min.	Max		
2×0.75	24/0.2	5.7或3.7×6.0	7.2或5.2×7.6	50	26
2×1	32/0.2	5.9	7.5	57.8	19.5
2×1.5	30/0.25	6.8	8.6	74.7	13.3
2×2.5	49/0.25	8.4	10.6	120	7.98
3×0.75	24/0.2	6	7.6	63.1	26
3×1	32/0.2	6.3	8	74	19.5
3×1.5	30/0.25	7.4	9.4	102	13.3
3×2.5	49/0.25	9.2	11.4	162	7.98
4×0.75	24/0.2	6.6	8.3	78.5	26
4×1	32/0.2	7.1	9	97.5	19.5
4×1.5	30/0.25	8.4	10.5	133	13.3
4×2.5	49/0.25	10.1	12.5	204	7.98
5×0.75	24/0.2	7.4	9.3	96.9	26
5×1	32/0.2	7.8	9.8	115	19.5
5×1.5	30/0.25	9.3	11.6	158	13.3
5×2.5	49/0.25	11.2	13.9	249	7.98

LAN Cable UTP CAT 5E



Product Description

Category 5E unshielded twisted-pair network cable for digital communication consists of single bare copper wire,PE insulation, and two conductors twisted to pairs and PE, PVC or low smoke no halogen polyolefin sheath.

Electrical Characteristics

Frequency (MHz)	ATT MAX.	NEXT MIN.	ACR MIN. (dB)	ELFEXT MIN.	PS.NEXT MIN.(dB)	RL MIN.	PS.ELFEXT. MIN.	PS.ACR MIN.(dB)
4	4.1	56.3	52.2	52.0	53.3	23.0	49.0	49.2
8	5.8	51.8	46.0	45.9	48.8	24.5	42.9	43.0
10	6.5	50.3	43.8	44.0	47.3	25.0	41.0	40.8
16	8.2	47.2	39.1	39.9	44.2	25.0	36.9	36.1
20	9.3	45.8	36.5	39.0	42.8	25.0	35.0	33.5
25	10.4	44.3	33.9	36.0	41.3	24.3	33.0	30.9
31.25	11.7	42.9	31.2	34.1	39.9	23.6	31.1	28.2
62.5	17.0	38.4	21.4	28.1	35.4	21.5	25.1	18.4
100	22.0	35.3	13.3	24.0	32.3	20.1	21.0	10.3

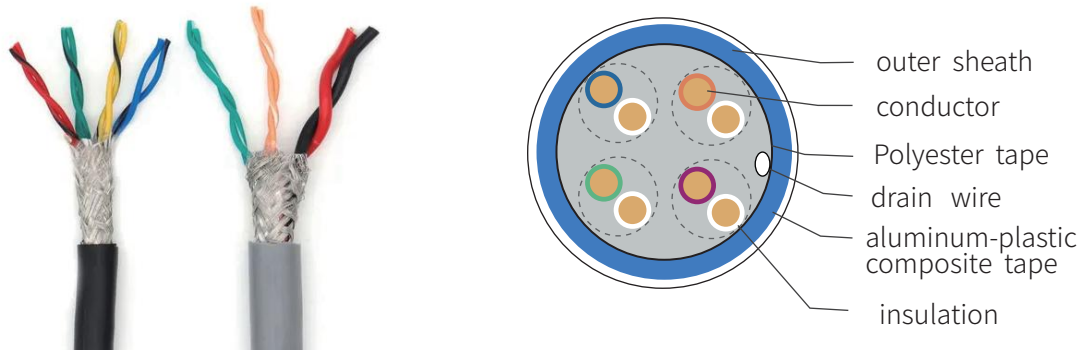
Product OD

Flame Retardant	Nomal	CM型	CMR型	LSZH型
Diameter	5.0±0.4	5.0±0.4	5.0±0.4	5.0±0.4

APPLICATIONS

10/100BASE-T Ethernet (IEEE802.3), 155Mbps ATM net, iDsN Integrated Service Data Network.

LAN Cable FTP/SFTP CAT 5E



Product Description

Category 5E unshielded twisted-pair network cable for digital communication consists of single bare copper wire,PE insulation, and two conductors twisted to pairs and PE, PVC or low smoke no halogen polyolefin sheath.

Electrical Characteristics

Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (dB)	ACR MIN. (dB)	ELFEXT MIN. (dB/100m)	PS.NEXT MIN.(dB)	RL MIN. (dB)	PS.ELFEXT. MIN. (dB/100m)	PS.ACR MIN.(dB)
4	4.1	56.3	52.2	52.0	53.3	23.0	49.0	49.2
8	5.8	51.8	46.0	45.9	48.8	24.5	42.9	43.0
10	6.5	50.3	43.8	44.0	47.3	25.0	41.0	40.8
16	8.2	47.2	39.1	39.9	44.2	25.0	36.9	36.1
20	9.3	45.8	36.5	39.0	42.8	25.0	35.0	33.5
25	10.4	44.3	33.9	36.0	41.3	24.3	33.0	30.9
31.25	11.7	42.9	31.2	34.1	39.9	23.6	31.1	28.2
62.5	17.0	38.4	21.4	28.1	35.4	21.5	25.1	18.4
100	22.0	35.3	13.3	24.0	32.3	20.1	21.0	10.3

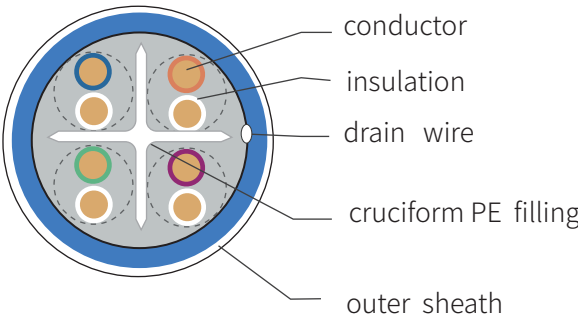
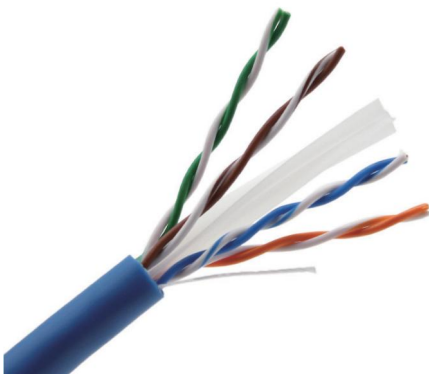
Product OD

Flame Retardant	Nomal	CM型	CMR型	LSZH型
FTP	6.2±0.4	6.2±0.4	6.6±0.4	6.6±0.4
SFTP	6.6±0.5	6.6±0.5	7.0±0.5	6.6±0.4

APPLICATIONS

10/100BASE-T Ethernet (IEEE802.3), 155Mbps ATM net, iDsN Integrated Service Data Network.

LAN Cable UTP CAT6



Product Description

Category 6 unshielded twisted-pair network cable for digital communication consists of single barecopper wire PE insulation, and two conductors twisted to pairs and PE, PVC or low smoke halogen free polyolefin sheath..

Electrical Characteristics

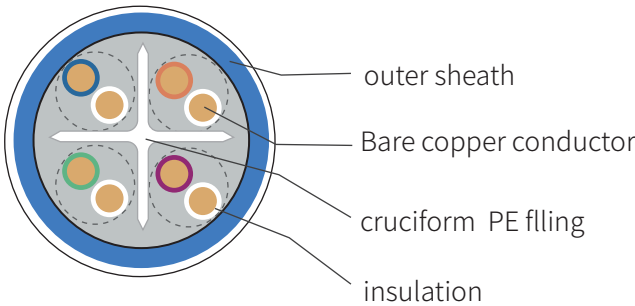
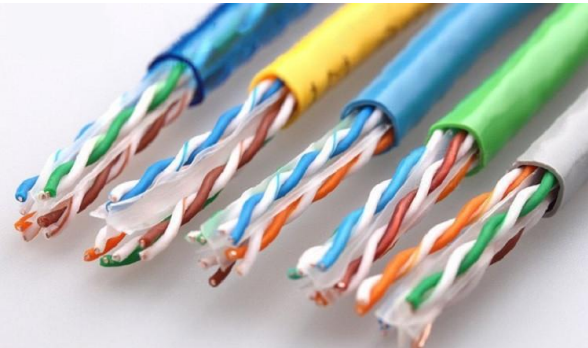
Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (dB)	ACR MIN. (dB)	ELFEXT MIN. (dB/100m)	PS.NEXT MIN.(dB)	RL MIN. (dB)	PS.ELFEXT. MIN. (dB/100m)	PS.ACR MIN. (dB)
4	3.8	66.3	62.5	56.0	63.3	23.0	53.0	60.5
8	5.3	61.8	56.4	49.9	58.8	24.5	46.9	54.4
10	6.0	60.3	54.3	48.0	57.3	25.0	45.0	52.3
16	7.6	57.2	49.7	43.9	54.2	25.0	40.9	47.7
20	8.5	55.8	47.3	42.0	52.8	25.0	39.0	45.3
25	9.5	54.3	44.8	40.0	51.3	24.3	37.0	42.7
31.25	10.7	52.9	42.2	38.1	49.9	23.6	35.4	40.2
62.5	15.4	48.4	32.9	23.1	45.4	21.5	29.1	30.9
100	19.8	45.3	25.4	28.0	42.3	20.1	25.0	23.4
200	29.0	40.8	11.6	22.0	37.8	18.0	19.0	9.6
250	32.8	39.3	6.3	20.0	36.3	17.3	17.0	4.3

Flame Retardant	Nomal	CM型	CMR型	LSZH型
Diameter	6.0±0.3	6.0±0.3	6.4±0.3	6.0±0.3

APPLICATIONS

10/100BASE-T Ethernet(IEEE802.3),155Mbps ATM net,IDSN integrated service data network.

LAN Cable UTP CAT 6A



Product Description

Category6A unshielded twisted-pair network cable for digital communication consists of single barecopper wire, PE insulation, and two conductors twisted to pairs, PE cross isolated bar and PE, PVC or low smoke no halogen polyolefin sheath

Electrical Characteristics

Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (dB)	ACR MIN. (dB)	ELFEXT MIN. (dB/100m)	PS.NEXT MIN.(dB)	RL MIN. (dB)	PS.ELFEXT.MIN. (dB/100m)	PS.ACR MIN.(dB)
4	3.8	66.3	62.5	55.6	63.3	23.0	53.0	60.5
8	5.3	61.8	56.4	49.9	58.8	24.5	46.9	54.4
10	5.9	60.3	54.3	48.0	57.3	25.0	45.0	52.3
16	7.5	57.2	49.7	43.9	54.2	25.0	40.9	47.7
20	8.4	55.8	47.3	43.0	52.8	25.0	39.0	45.3
25	9.4	54.3	44.8	40.0	51.3	24.3	37.0	42.7
31.25	10.5	52.9	42.2	38.1	49.9	23.6	35.1	40.2
62.5	13.0	48.4	32.9	32.1	45.4	21.5	29.1	30.9
100	19.1	45.3	25.4	28.0	42.3	20.1	25.0	23.4
200	27.6	40.8	11.6	22.0	37.8	18.0	19.0	9.6
250	31.1	39.3	6.3	20.0	36.3	17.3	17.0	4.3
300	34.3	38.1	1.6	18.5	35.1	17.3	15.5	0.0
400	40.1	36.3	-	16.0	33.3	17.3	13.0	-
550	45.3	34.8	-	14.0	31.8	17.3	11.0	-

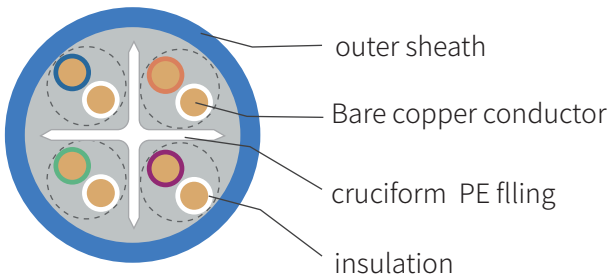
Product OD

Flame Retardant	Nomal	CM型	CMR型	LSZH型
Diameter	6.4±0.3	6.4±0.3	6.8±0.3	6.4±0.3

APPLICATIONS

10/100BASE-T Ethernet(IEEE802.3),155MbpsATM net,IDSN Integrated Service Data Network.

LAN Cable FTP/SFTP CAT 6



Product Description

Category6 unshielded twisted-pair network cable for digital communication consists of single barecopper wire,PE insulation,and two conductors twisted to pairs,PE cross isolated bar and PE,PVC or low smoke no halogen polyolefin sheath

Electrical Characteristics

Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (dB)	ACR MIN. (dB)	ELFEXT MIN. (dB/100m)	PS.NEXT MIN.(dB)	RL MIN. (dB)	PS.ELFEXT.MIN. (dB/100m)	PS.ACR MIN.(dB)
4	3.8	66.3	62.5	56.0	63.3	23.0	53.0	60.5
8	5.3	61.8	56.4	49.9	58.8	24.5	46.9	54.4
10	6.0	60.3	54.3	48.0	57.3	25.0	45.0	52.3
16	7.6	57.2	49.7	43.9	54.2	25.0	40.9	47.7
20	8.5	55.8	47.3	42.0	52.8	25.0	39.0	45.3
25	9.5	54.3	44.8	40.0	51.3	24.3	37.0	42.7
31.25	10.7	52.9	42.2	38.1	49.9	23.6	35.4	40.2
62.5	15.4	48.4	32.9	23.1	45.4	21.5	29.1	30.9
100	19.8	45.3	25.4	28.0	42.3	20.1	25.0	23.4
200	29.0	40.8	11.6	22.0	37.8	18.0	19.0	9.6
250	32.8	39.3	6.3	20.0	36.3	17.3	17.0	4.3

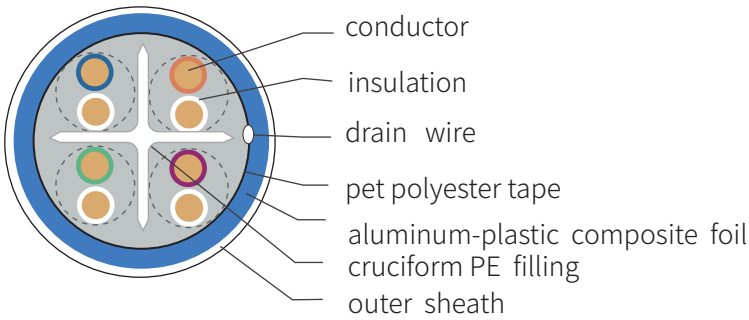
Product OD

Flame Retardant	Nomal	CM型	CMR型	LSZH型
FTP 6	7.4±0.4	7.4±0.4	7.8±0.4	7.8±0.4
SFTP 6	7.8±0.5	7.8±0.4	8.2±0.4	8.2±0.4

APPLICATIONS

10/100BASE-T Ethernet (EEE802.3), 155Mbps ATM net, iDsN Integrated Service Data Network.

LAN Cable UTP CAT 6A



Product Description

Category FTP 6A unshielded twisted-pair network cable fordigital communication consists of single bare copper wire,PEInsulation,and two conductors twisted to pairs and PE,PVC or low smoke halogen free polyolefin sheath.

Electrical Characteristics

Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (dB)	ACR MIN. (dB)	ELFEXT MIN. (dB/100m)	PS.NEXT MIN.(dB)	RL MIN. (dB)	PS.ELFEXT.MIN. (dB/100m)	PS.ACR MIN.(dB)
4	3.8	66.3	62.5	55.6	63.3	23.0	53.0	60.5
8	5.3	61.8	56.4	49.9	58.8	24.5	46.9	54.4
10	5.9	60.3	54.3	48.0	57.3	25.0	45.0	52.3
16	7.5	57.2	49.7	43.9	54.2	25.0	40.9	47.7
20	8.4	55.8	47.3	43.0	52.8	25.0	39.0	45.3
25	9.4	54.3	44.8	40.0	51.3	24.3	37.0	42.7
31.25	10.5	52.9	42.2	38.1	49.9	23.6	35.1	40.2
62.5	13.0	48.4	32.9	32.1	45.4	21.5	29.1	30.9
100	19.1	45.3	25.4	28.0	42.3	20.1	25.0	23.4
200	27.6	40.8	11.6	22.0	37.8	18.0	19.0	9.6
250	311	39.3	6.3	20.0	36.3	17.3	17.0	4.3
300	34.3	38.1	1.6	18.5	35.1	17.3	15.5	0.0
400	40.1	36.3	-	16.0	33.3	17.3	13.0	-
550	45.3	34.8	-	14.0	31.8	17.3	11.0	-

Product OD

Flame Retardant	Nomal	CM型	CMR型	LSZH型
F	7.0±0.3	6.0±0.3	6.8±0.3	6.4±0.3
FTP	7.5±0.5	7.5±0.5	8.0±0.5	7.5±0.5

APPLICATIONS

10/100BASE-TEthernet(IEEE802.3),155MbpsATM net,IDSN Integrated Service Data Network.

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km		onducorresstancea20° C(Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
4×4	0.8	13	15.7	13.6	16.4	0.0085	0.0077	4.61	4.61
4×6	0.8	14.4	17.4	14.9	18	0.007	0.0065	3.08	3.02
4×10	1	–	–	17.9	21.6	–	0.0065	–	1.83
5×0.75	0.6	9.2	11.1	9.4	11.4	0.012	0.014	24	24.5
5×1.0	0.6	9.6	11.6	9.8	11.9	0.011	0.013	18.1	18.1
5×1.5	0.7	10.7	13	11	13.3	0.011	0.01	12.1	12.1
5×2.5	0.8	12.9	15.5	13.1	15.9	0.01	0.009	7.41	7.41
5×4	0.8	14.3	17.2	14.7	17.7	0.0085	0.0077	4.61	4.61
5×6	0.8	15.6	18.8	16.1	19.4	0.007	0.0065	3.08	3.08
5×10	1	–	–	19.8	24	–	0.0065	–	1.83
7×0.75	0.6	9.8	11.8	10.1	12.2	0.012	0.014	24	24.5
7×1.0	0.6	10.2	12.4	10.5	12.7	0.011	0.013	18.1	18.1
7×1.5	0.7	11.5	13.9	11.8	14.3	0.011	0.01	12.1	12.1
7×2.5	0.8	14.1	17	14.4	17.3	0.01	0.009	7.41	7.41
7×4	0.8	15.4	18.6	15.8	19.1	0.0085	0.0077	4.61	4.61
7×6	0.8	16.8	20.3	17.4	21	0.007	0.0065	3.08	3.08
7×10	1	–	–	21.5	26	–	0.0065	–	1.83
8×0.75	0.6	10.7	13	11.1	13.4	0.012	0.014	24	24.5
8×1.0	0.6	11.2	13.6	11.5	14	0.011	0.013	18.1	18.1
8×1.5	0.7	13.5	16.3	13.9	16.7	0.011	0.01	12.1	12.1
8×2.5	0.8	15.5	18.7	15.8	19.1	0.01	0.009	7.41	7.41
8×4	0.8	17	20.5	17.5	21.1	0.0085	0.0077	4.61	4.61
8×6	0.8	19	23	19.7	23.8	0.007	0.0065	3.08	3.08
8×10	1	–	–	24.2	29.3	–	0.0065	–	1.83
10×0.75	0.6	11.9	14.3	12.8	15.5	0.012	0.014	24	24.5
10×1.0	0.6	13	15.7	13.6	16.5	0.011	0.013	18.1	18.1
10×1.5	0.7	15	18.1	15.4	18.6	0.011	0.01	12.1	12.1
10×2.5	0.8	17.3	20.9	17.7	21.3	0.01	0.009	7.41	7.41
10×4	0.8	19.4	23.4	20	24.1	0.0085	0.0077	4.61	4.61
10×6	0.8	21.3	25.8	22.1	26.7	0.007	0.0065	3.08	3.08
10×10	1	–	–	27.9	33.7	–	0.0065	–	1.83
12×0.75	0.6	12.8	15.4	13.2	15.9	0.012	0.014	24	24.5
12×1.0	0.6	13.6	16.4	14	16.9	0.011	0.013	18.1	18.1
12×1.5	0.7	15.4	18.6	15.8	19.1	0.011	0.01	12.1	12.1
12×2.5	0.8	17.8	21.5	18.2	22	0.01	0.009	7.41	7.41
12×4	0.8	20	24.1	20.6	24.9	0.0085	0.0077	4.61	4.61
12×6	0.8	22	26.6	22.5	27.5	0.007	0.0065	3.08	3.08
14×0.75	0.6	13.5	16.3	13.9	16.8	0.012	0.014	24	24.5
14×1.0	0.6	14.2	17.1	14.6	17.6	0.011	0.013	18.1	18.1

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km		onducorresstancea20°C (Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
14×1.5	0.7	16.1	19.4	16.5	19.9	0.011	0.01	12.1	12.1
14×2.5	0.8	19	22.9	19.4	23.4	0.01	0.009	7.41	7.41
14×4	0.8	20.9	25.2	21.5	26	0.0085	0.0077	4.61	4.61
14×6	0.8	23	27.8	24.1	29.1	0.007	0.0065	3.08	3.08
16×0.75	0.6	14.1	17.1	14.6	175	0.012	0.014	24	24.5
16×1.0	0.6	14.8	17.9	15.2	18.4	0.011	0.013	18.1	18.1
16×1.5	0.7	16.8	20.3	17.3	20.9	0.011	0.01	12.1	12.1
16×2.5	0.8	19.9	24.1	20.4	24.6	0.01	0.009	7.41	7.41
19×0.75	0.6	14.7	17.8	15.2	18.4	0.012	0.014	24	24.5
19×10	0.6	15.5	18.7	15.9	19.3	0.011	0.013	18.1	18.1
19×1.5	0.7	17.6	21.3	18.1	21.9	0.011	0.01	12.1	12.1
19×2.5	0.8	20.9	25.2	21.4	258	0.01	0.009	7.41	7.41
24×0.75	0.6	16.8	20.3	17.4	21	0.012	0.014	24	24.5
24×1.0	0.6	17.7	21.3	18.2	22	0.011	0.013	18.1	18.1
24×1.5	0.7	20.6	24.9	21.2	25.6	0.011	0.01	12.1	12.1
24×2.5	0.8	24.3	29.4	24.9	30.1	0.01	0.009	7.41	7.41
27×0.75	0.6	17.1	20.7	17.7	21.4	0.012	0.014	24	24.5
27×1.0	0.6	18	21.7	19	22.9	0.011	0.013	18.1	18.1
27×1.5	0.7	21	25.4	21.6	26.1	0.011	0.01	12.1	12.1
27×2.5	0.8	24.8	30	25.4	30.7	0.01	0.009	7.41	7.41
30×0.75	0.6	17.6	21.3	18	22.1	0.012	0.014	24	24.5
30×1.0	0.6	19.6	22.9	19.6	23.6	0.011	0.013	18.1	18.1
30×1.5	0.7	21.7	26.2	22.3	27	0.011	0.01	12.1	12.1
30×2.5	0.8	25.7	31	26.3	31.7	0.01	0.009	7.41	7.41
37×0.75	0.6	19.2	23.3	19.9	24.1	0.012	0.014	24	24.5
37×1.0	0.6	20.3	24.5	20.9	25.3	0.011	0.013	18.1	18.1
37×1.5	0.7	23.3	28.1	24.2	29.2	0.011	0.01	12.1	12.1
37×2.5	0.8	28.1	34	28.8	34.8	0.01	0.009	7.41	7.41
44×0.75	0.6	21.3	25.8	22.1	26.7	0.012	0.014	24	24.5
44×1.0	0.6	22.5	27.1	23.2	28.1	0.011	0.013	18.1	18.1
44×1.5	0.7	26.2	31.5	26.8	32.1	0.011	0.01	12.1	12.1
44×2.5	0.8	31.6	38	32.2	38.6	0.01	0.009	7.41	7.41
48×0.75	0.6	21.9	26	22.5	26.6	0.012	0.014	24	24.5
48×1.0	0.6	22.8	28.5	23.4	29.1	0.011	0.013	18.1	18.1
48×1.5	0.7	26.8	32	27.4	32.6	0.011	0.01	12.1	12.1
48×2.5	0.8	32.2	38.5	32.8	39.1	0.01	0.009	7.41	7.41
52×0.75	0.6	22.6	38.2	23.2	38.8	0.012	0.014	24	24.5
52×1.0	0.6	23.7	28.3	24.3	28.9	0.011	0.013	18.1	18.1
52×1.5	0.7	28.3	33.6	28.9	34.2	0.011	0.01	12.1	12.1
52×2.5	0.8	33.7	40	34.3	40.6	0.01	0.009	7.41	7.41
61×0.75	0.6	23.7	28.3	24.3	28.9	0.012	0.014	24	24.5

Type KVVP₂ 450/750V Copper conductor PVC insulated and sheathed control cable wire braiding, screened control cable.
Type KVVP₃ 450/750VCopper conductor PVC insulated and sheathed copper wire braiding screened control cable. table

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂		KVVP ₂			KVVP ₂	KVVP ₃
		Min.	Max	Min.	Max			
4×0.75	0.6	8.1	9.7	8.1	9.7	0.012	24	24
4×1.0	0.6	8.4	10.2	8.4	10.2	0.011	18.1	18.1
4×1.5	0.7	9.5	11.4	9.5	11.4	0.011	12.1	12.1
4×2.5	0.8	10.9	13.1	10.9	13.1	0.01	7.41	7.41
4×4	0.8	12.5	15.1	12.5	15.1	0.0085	4.61	4.61
4×6	0.8	13.0	16.5	13.6	16.5	0.007	3.08	3.08
4×10	1	17.1	20.7	17.1	20.7	0.0065	1.83	1.83
5×0.75	0.6	8.6	10.4	8.6	10.4	0.012	24	24
5×1.0	0.6	9	10.9	9	10.9	0.011	18.1	18.1
5×1.5	0.7	10.2	12.3	10.2	12.3	0.011	12.1	12.1
5×2.5	0.8	11.8	14.2	11.8	14.2	0.01	7.41	7.41
5×4	0.8	13.5	16.3	13.5	16.3	0.0085	4.61	4.61
5×6	0.8	14.8	17.9	14.8	17.9	0.007	3.08	3.08
5×10	1	19.1	23	19.1	23	0.0065	1.83	1.83
7×0.75	0.6	9.3	11.2	9.3	11.2	0.012	24	24
7×1.0	0.6	9.7	11.7	9.7	11.7	0.011	18.1	18.1
7×1.5	0.7	11	13.3	11	13.3	0.011	12.1	12.1
7×2.5	0.8	13.3	16.1	13.3	16.1	0.01	7.41	7.41
7×4	0.8	14.6	17.6	14.6	17.6	0.0085	4.61	4.61
7×6	0.8	16	19.4	16	19.4	0.007	3.08	3.08
7×10	1	20.7	25.1	20.7	25.1	0.0065	1.83	1.83
8×0.75	0.6	10.2	12.3	10.2	12.3	0.012	24	24
8×1.0	0.6	10.7	12.9	10.7	12.9	0.011	18.1	18.1
8×1.5	0.7	12.8	15.4	12.8	15.4	0.011	12.1	12.1
8×2.5	0.8	14.7	17.8	14.7	17.8	0.01	7.41	7.41
8×4	0.8	16.2	19.6	16.2	19.6	0.0085	4.61	4.61
8×6	0.8	17.9	21.6	17.9	21.6	0.007	3.08	3.08
8×10	1	23.2	28.1	23.2	28.1	0.0065	1.83	1.83

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂		KVVP ₂			KVVP ₂	KVVP ₃
		Min.	Max	Min.	Max			
4×0.75	0.6	8.1	9.7	8.1	9.7	0.012	24	24
4×1.0	0.6	8.4	10.2	8.4	10.2	0.011	18.1	18.1
4×1.5	0.7	9.5	11.4	9.5	11.4	0.011	12.1	12.1
4×2.5	0.8	10.9	13.1	10.9	13.1	0.01	7.41	7.41
4×4	0.8	12.5	15.1	12.5	15.1	0.0085	4.61	4.61
4×6	0.8	13.0	16.5	13.6	16.5	0.007	3.08	3.08
4×10	1	17.1	20.7	17.1	20.7	0.0065	1.83	1.83
5×0.75	0.6	8.6	10.4	8.6	10.4	0.012	24	24
5×1.0	0.6	9	10.9	9	10.9	0.011	18.1	18.1
5×1.5	0.7	10.2	12.3	10.2	12.3	0.011	12.1	12.1
5×2.5	0.8	11.8	14.2	11.8	14.2	0.01	7.41	7.41
5×4	0.8	13.5	16.3	13.5	16.3	0.0085	4.61	4.61
5×6	0.8	14.8	17.9	14.8	17.9	0.007	3.08	3.08
5×10	1	19.1	23	19.1	23	0.0065	1.83	1.83
7×0.75	0.6	9.3	11.2	9.3	11.2	0.012	24	24
7×1.0	0.6	9.7	11.7	9.7	11.7	0.011	18.1	18.1
7×1.5	0.7	11	13.3	11	13.3	0.011	12.1	12.1
7×2.5	0.8	13.3	16.1	13.3	16.1	0.01	7.41	7.41
7×4	0.8	14.6	17.6	14.6	17.6	0.0085	4.61	4.61
7×6	0.8	16	19.4	16	19.4	0.007	3.08	3.08
7×10	1	20.7	25.1	20.7	25.1	0.0065	1.83	1.83
8×0.75	0.6	10.2	12.3	10.2	12.3	0.012	24	24
8×1.0	0.6	10.7	12.9	10.7	12.9	0.011	18.1	18.1
8×1.5	0.7	12.8	15.4	12.8	15.4	0.011	12.1	12.1
8×2.5	0.8	14.7	17.8	14.7	17.8	0.01	7.41	7.41
8×4	0.8	16.2	19.6	16.2	19.6	0.0085	4.61	4.61
8×6	0.8	17.9	21.6	17.9	21.6	0.007	3.08	3.08
8×10	1	23.2	28.1	23.2	28.1	0.0065	1.83	1.83
24×1.0	0.6	16.9	20.4	16.9	20.4	0.011	18.1	18.1
24×1.5	0.7	19.9	24	19.9	24	0.011	12.1	12.1
24×25	0.8	23.3	28.2	23.3	28.2	0.01	7.41	7.41
27×0.75	0.6	16.3	19.7	16.3	19.7	0.012	24	24
27×1.0	0.6	17.2	20.8	17.2	20.8	0.011	18.1	18.1
27×1.5	0.7	20.3	24.5	20.3	24.5	0.011	12.1	12.1
27×25	0.8	23.8	28.8	23.8	28.8	0.01	7.41	7.41

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂		KVVP ₃			KVVP ₂	KVVP ₃
		Min.	Max	Min.	Max			
30×0.75	0.6	16.9	20.4	16.9	20.4	0.012	24.0	24.0
30×1.0	0.6	17.8	21.5	17.8	21.5	0.011	18.1	18.1
30×1.5	0.7	21.0	25.3	21.0	25.3	0.011	12.1	12.1
30×2.5	0.8	24.6	29.8	24.6	29.8	0.010	7.41	7.41
37×0.75	0.6	18.1	21.9	18.1	21.9	0.012	24.0	24.0
37×1.0	0.6	19.5	23.5	19.5	23.5	0.011	18.1	18.1
37×1.5	0.7	22.5	27.2	22.5	27.2	0.011	12.1	12.1
37×2.5	0.8	26.5	32.1	26.5	32.1	0.010	7.41	7.41
44×0.75	0.6	20.5	24.8	20.5	24.8	0.012	24.0	24.0
44×1.0	0.6	21.7	26.2	21.7	26.2	0.011	18.1	18.1
44×1.5	0.7	25.2	30.4	25.2	30.4	0.011	12.1	12.1
44×2.5	0.8	30.3	36.7	30.3	36.7	0.010	7.41	7.41
48×0.75	0.6	20.9	25.2	20.9	25.2	0.012	24.0	24.0
48×1.0	0.6	22.0	26.6	22.0	26.6	0.011	18.1	18.1
48×1.5	0.7	25.5	30.9	25.5	30.9	0.011	12.1	12.1
48×2.5	0.8	30.8	37.2	30.8	37.2	0.010	7.41	7.41
52×0.75	0.6	21.4	25.8	21.4	25.8	0.012	24.0	24.0
52×1.0	0.6	22.6	27.3	22.6	27.3	0.011	18.1	18.1
52×1.5	0.7	26.2	31.7	26.2	31.7	0.011	12.1	12.1
52×2.5	0.8	31.7	38.2	31.7	38.2	0.010	7.41	7.41
61×0.75	0.6	22.6	27.3	22.6	27.3	0.012	24.0	24.0
61×1.0	0.6	23.9	28.9	23.9	28.9	0.011	18.1	18.1
61×1.5	0.7	28.4	34.3	28.4	34.3	0.011	12.1	12.1
61×2.5	0.8	33.9	41.0	33.9	41.0	0.010	7.41	7.41

Type KVVP₂₂ 450/750V Copper conductor PVC insulated and sheathed control cable with steel tape armmour
Type KVVP₂₋₂₂ 450/750VCopper conductor PVC insulated and sheathed steel tape shleld and armoured control cable

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂		KVVP ₂₋₂₂			KVVP ₂₂	KVVP ₂₋₂₂
		Min.	Max	Min.	Max			
4×1.5	0.7	12.0	14.4	12.7	15.4	0.011	12.1	12.1
4×2.5	0.8	13.4	16.1	14.1	17.1	0.010	7.41	7.41
4×4	0.8	14.4	17.4	15.2	18.3	0.0085	4.61	4.61
4×6	0.8	15.6	18.8	16.3	19.7	0.0070	3.08	3.08
4×10	1.0	19.4	23.5	20.2	24.4	0.0065	1.83	1.83
5×1.5	0.7	12.7	15.3	13.5	16.3	0.011	12.1	12.1
5×2.5	0.8	14.3	17.2	15.0	18.1	0.010	7.41	7.41
5×4	0.8	15.4	18.6	16.2	19.6	0.0085	4.61	4.61
5×6	0.8	16.7	20.2	17.5	21.1	0.0070	3.08	3.08
5×10	1.0	21.0	25.4	21.8	26.3	0.0065	1.83	1.83
7×0.75	0.6	11.8	14.2	12.5	15.1	0.012	24.0	24.0
7×1.0	0.6	12.2	14.7	13.0	15.7	0.011	18.1	18.1
7×1.5	0.7	13.5	16.3	14.3	17.2	0.011	12.1	12.1
7×2.5	0.8	15.2	18.4	16	19.3	0.010	7.41	7.41
7×4	0.8	16.5	20.0	17.3	20.9	0.0085	4.61	4.61
7×6	0.8	18.0	21.7	19.1	23.1	0.0070	3.09	3.08
7×10	1.0	22.7	27.4	23.4	28.3	0.0065	1.83	1.83
8×0.75	0.6	12.7	15.3	13.5	16.3	0.012	24.0	24.0
8×1.0	0.6	13.2	15.9	14	16.9	0.011	18.1	18.1

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂₂		KVVP ₂₋₂₂			KVVP ₂₂	KVVP ₂₋₂₂
		Min.	Max	Min.	Max			
8×1.5	0.7	14.7	17.7	15.4	18.7	0.011	12.1	12.1
8×2.5	0.8	16.7	20.1	17.4	21.1	0.010	7.41	7.41
8×4	0.8	18.2	21.9	19.3	23.3	0.0085	4.61	4.61
8×6	0.8	20.2	24.4	21	25.3	0.0070	3.08	3.08
8×10	1.0	25.2	30.4	26.3	31.8	0.0065	1.83	1.83
10×0.75	0.6	13.8	16.7	14.6	17.6	0.012	24.0	24.0
10×1.0	0.6	14.4	17.4	15.2	18.3	0.011	18.1	18.1
10×1.5	0.7	16.1	19.5	16.9	20.4	0.011	12.1	12.1
10×2.5	0.8	18.8	22.7	19.6	23.7	0.010	7.41	7.41
10×4	0.8	20.5	24.8	21.3	25.8	0.0085	4.61	4.61
10×6	0.8	22.5	27.1	23.2	28.1	0.0070	3.08	3.08
10×10	1.0	29.2	35.3	30.0	36.2	0.0065	1.83	1.83
12×0.75	0.6	14.1	17.1	14.9	18.0	0.012	24.0	24.0
12×1.0	0.6	14.8	17.8	15.5	18.8	0.011	18.1	18.1
12×1.5	0.7	16.6	20.0	17.3	20.9	0.011	12.1	12.1
12×2.5	0.8	19.3	23.4	20.1	24.3	0.010	7.41	7.41
12×6	0.8	23.1	27.9	23.9	28.9	0.007	3.08	3.08
14×0.75	0.6	14.7	17.7	15.4	18.7	0.012	24	24
14×1.0	0.6	15.3	18.5	16.1	19.4	0.011	18.1	18.1
14×1.5	0.7	17.2	20.8	18.4	22.2	0.011	12.1	12.1
14×2.5	0.8	20.1	24.3	20.9	25.3	0.01	7.41	7.41
14×4	0.8	22	26.6	22.8	27.6	0.0085	4.61	4.61
14×6	0.8	24.2	29.2	24.9	30.1	0.007	3.08	3.08
16×0.75	0.6	15.3	18.5	16	19.4	0.012	24	24
16×1.0	0.6	16	19.3	16.7	20.2	0.011	18.1	18.1
16×1.5	0.7	18	21.7	19.1	23.1	0.011	12.1	12.1
16×2.5	0.8	21.1	25.5	21.8	26.4	0.01	7.41	7.41
19×0.75	0.6	15.9	19.2	16.7	20.1	0.012	24	24
19×1.0	0.6	16.6	20.1	17.4	21	0.011	18.1	18.1
19×1.5	0.7	19.2	23.1	19.9	24.1	0.011	12.1	12.1
19×2.5	0.8	22	26.6	22.8	27.6	0.01	7.41	7.41
24×0.75	0.6	18	21.7	19.1	23.1	0.012	24	24
24×1.0	0.6	19.2	23.2	20	24.1	0.011	18.1	18.1

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂₂		KVVP _{2~22}			KVVP ₂₂	KVVP _{2~22}
		Min.	Max	Min.	Max			
24×1.5	0.7	21.8	26.3	22.6	27.3	0.011	12.1	12.1
24×2.5	0.8	25.6	31	26.4	31.9	0.01	7.41	7.41
30×0.75	0.6	19.2	23.2	20	24.1	0.012	24	24
30×10	0.6	20.1	24.3	20.9	252	0.011	18.1	18.1
30×1.5	0.7	22.9	27.6	23.6	28.6	0.011	12.1	12.1
30×2.5	0.8	27	32.6	28.3	34.2	0.01	7.41	7.41
37×0.75	0.6	20.4	24.7	21.2	25.6	0.012	24	24
37×1.0	0.6	21.4	25.9	22.2	26.8	0.011	18.1	18.1
37×1.5	0.7	24.4	29.5	25.6	30.9	0.011	12.1	12.1
37×2.5	0.8	29.4	35.6	30.2	36.5	0.01	7.41	7.41
44×0.75	0.6	22.5	27.1	23.2	28.1	0.012	24	24
44×1.0	0.6	23.6	28.5	24.4	29.5	0.011	18.1	18.1
44×1.5	0.7	28	33.9	28.8	34.8	0.011	12.1	12.1
48×0.75	0.6	22.8	27.5	23.5	28.4	0.012	24	24
48×1.0	0.6	24	28.9	24.7	29.9	0.011	18.1	18.1
48×1.5	0.7	28.4	34.4	29.2	35.3	0.011	12.1	12.1
48×2.5	0.8	33.5	40.5	35.4	42.8	0.01	7.41	7.41
52×0.75	0.6	23.3	28.2	5	30.1	0.012	24	24
52×1.0	0.6	24.5	29.6	26.6	32.1	0.011	18.1	18.1
52×1.5	0.7	29.1	35.2	30.9	37.4	0.011	12.1	12.1
52×2.5	0.8	35.5	42.9	37.5	45.4	0.01	7.41	7.41
61×0.75	0.6	24.5	29.6	25.7	31	0.012	24	24
61×1.0	0.6	26.2	31.7	27	32.6	0.011	18.1	18.1
61×1.5	0.7	30.7	37.1	31.4	38	0.011	12.1	12.1
61×2.5	0.8	37.4	45.2	38.2	46.1	0.01	7.41	7.41

Type KVV₃₂ 450/750V Copper conductor PVC insulated and sheathed fine steel wire armoured conrol cable

No×section (mm ²)	Insulation thickness (mm)	Average dia.		Min.insulation resistance M Ω *km		Conductor resistance at 20 °C(Ω /km)
		Min.	Max			
4×4	0.8	16	19.4	0.0085		4.61
4×6	0.8	17.2	20.8	0.007		3.0B
4×10	1	21.7	26.3	0.0065		1.83
5×4	0.8	17	20.6	0.0085		4.61
5×6	0.8	18.7	22.6	0.007		3.08
5×10	1	23.3	28.1	0.0065		1.83
7×1.5	0.7	15.1	18.3	0.011		12.1
7×2.5	0.8	16.8	20.4	0.01		7.41
7×4	0.8	18.1	21.9	0.0085		4.61
7×6	0.8	20	24.1	0.007		3.08
7×10	1	25	30.2	0.0065	1.83	1.83
8×1.5	0.7	16.3	19.7	0.011	12.1	12.1
8×2.5	0.8	18.7	226	0.01	7.41	7.41
8×4	0.8	20.8	25.2	0.0085	4.61	4.61
8×6	0.8	22.5	27.2	0.007	3.08	3.08
8×10	1	27.5	33.2	0.0065	1.83	1.83
10×1.5	0.7	17.8	21.5	0.011	12.1	12.1
10×2.5	0.8	21.1	25.5	0.01	7.41	7.41
10×4	0.8	22.8	27.6	0.0085	4.61	4.61
10×6	0.B	24.8	29.9	0.007	3.08	3.08
10×10	1	32.3	39	0.0065	1.83	1.83

No×section (mm ²)	Insulation thickness (mm)	Average dia.		Min.insulation resistance M Ω *km		Conductor resistance at 20 °C(Ω /km)
		Min.	Max			
12×1.5	0.7	18.2	220	0.011	12.1	12.1
12×2.5	0.8	21.6	26.1	0.01	7.41	7.41
12×4	0.B	23.4	28.3	0.0085	4.61	4.61
12×6	0.B	25.4	30.7	0.007	3.08	3.08
14×1.5	0.7	192	23.2	0.011	12.1	12.1
14×2.5	0.8	22.4	27.1	0.01	7.41	7.41
14×4	0.8	24.3	29.4	0.0085	4.61	4.61
14×6	0.B	26.5	32	0.007	3.08	3.08
16×1.5	0.7	20	24.2	0.011	12.1	12.1
16×2.5	0.8	23.4	28.2	0.01	7.41	7.41
19×0.75	0.6	17.5	21.2	0.012	24	24
19×1.0	0.6	18.2	22	0.011	18.1	18.1
19×1.5	0.7	21.5	25.9	0.011	12.1	12.1
19×2.5	0.8	24.3	29.4	0.01	7.41	7.41
24×0.75	0.6	20	24.1	0.012	24	24
24×1.0	0.6	21.5	26	0.011	18.1	18.1
24×1.5	0.7	24.1	29.1	0.011	12.1	12.1
24×2.5	0.8	28.5	34.5	0.01	7.41	7.41
27×0.75	0.6	20.9	253	0.012	24	24
27×1.0	0.6	21.8	26.4	0.011	18.1	18.1
27×1.5	0.7	24.5	29.6	0.011	12.1	12.1
27×2.5	0.8	29	35	0.01	7.41	7.41
30×0.75	0.6	21.5	26	0.012	24	24
30×1.0	0.6	22.4	27.1	0.011	18.1	18.1
30×1.5	0.7	25.2	30.4	0.011	12.1	12.1
30×2.5	0.8	29.8	36	0.01	7.41	7.41
37×0.75	0.6	22.7	27.4	0.012	24	24

No×section (mm ²)	Insulation thickness (mm)	Average dia.		Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)
		Min.	Max		
37×1.0	0.6	23.7	28.7	0.011	18.1
37×1.5	0.7	26.7	32.3	0.011	12.1
37×2.5	0.8	32.5	39.3	0.01	741
44×0.75	0.6	24.8	29.9	0.012	24
44×1.0	0.6	25.9	31.3	0.011	18.1
44×1.5	0.7	30.3	36.7	0.011	12.1
44×2.5	0.8	36.1	43.6	0.01	7.41
48×0.75	0.6	25.1	30.3	0.012	24
48×1.0	0.6	26.3	31.7	0.011	18.1
48×1.5	0.7	30.7	37.1	0.011	12.1
48×2.5	0.8	36.6	44.2	0.01	7.41
52×0.75	0.6	25.1	30.3	0.012	24
52×1.0	0.6	26.3	31.7	0.011	18.1
52×1.5	0.7	30.7	37.1	0.011	12.1
52×2.5	0.8	36.6	44.2	0.01	7.41
61×0.75	0.6	26.8	32.4	0.012	24
61×1.0	0.6	29.1	35.1	0.011	18.1
61×1.5	0.7	34.1	41.2	0.011	121
61×2.5	0.8	39.3	47.5	0.01	7.41

Type KVVRCopper conductor PVC insulated
and sheathed flexible control cable
Type KVVRCopper conductor PVC insulated
and sheathed braided shield flexible control cable

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance	
		KVVP ₂₂		KVVP ₂₋₂₂			at 20 °C(Ω /km)	
		Min.	Max	Min.	Max		KVVR	KVVRP
2×0.5	0.6	6.4	8.1	74	9.3	0.013	39	39
2×0.75	0.6	6.7	8.5	7.7	9.7	0.011	26	26
2×1.0	0.6	7	8.8	8	10	0.01	19.5	19.5
2×1.5	0.7	7.9	9.9	8.9	11.1	0.01	13.3	13.3
2×2.5	0.8	9.1	11.4	10.1	12.6	0.009	7.98	7.98
3×0.5	0.6	6.8	8.5	7.8	9.7	0.013	39	39
3×0.75	0.6	7.1	8.9	8.1	10.1	0.011	26	26
3×10	0.6	7.4	9.3	8.4	10.5	0.01	19.5	19.5
3×15	0.7	8.3	10.4	9.3	11.6	0.01	13.3	13.3
3×25	0.8	9.7	12	10.7	132	0.009	7.98	7.98
4×0.5	0.6	7.3	9.2	8.3	104	0.013	39	39
4×0.75	0.6	7.6	9.6	8.6	10.8	0.011	26	26
4×1.0	0.6	8	10	9	112	0.01	19.5	19.5
4×15	0.7	9	11.3	10	125	0.01	13.3	13.3
4×25	0.8	10.5	13.1	11.5	14.3	0.009	7.98	7.98
5×0.5	0.6	7.9	9.9	8.9	11.1	0.013	39	39
5×0.75	0.6	8.3	10.3	9.3	11.6	0.011	26	26
5×10	0.6	8.6	10.8	9.7	12	0.01	19.5	19.5
5×15	0.7	9.8	122	10.8	13.4	0.01	13.3	13.3
5×25	0.8	11.5	14.3	13.3	16.5	0.009	7.98	7.98
7×0.5	0.6	8.5	10.6	9.5	11.8	0.013	39	39
7×0.75	0.6	8.9	11.1	9.9	12.4	0.011	26	26
7×1.0	0.6	9.3	11.7	10.4	12.9	0.01	19.5	19.5
7×1.5	0.7	10.6	132	122	15.1	0.01	13.3	13.3
7×2.5	0.8	13.1	16.2	14.3	17.7	0.009	7.98	7.98
8×05	0.6	9.4	11.7	10.4	130	0.013	39	39
8×0.75	0.6	9.9	12.3	10.9	13.6	0.011	26	26
8×1.0	0.6	10.4	12.9	11.4	14.2	0.01	19.5	19.5
8×1.5	0.7	12.5	15.4	13.7	16.9	0.01	13.3	13.3
8×25	0.8	14.6	18	15.9	19.5	0.009	7.98	7.98
10×0.5	0.6	10.5	13.1	11.6	14.3	0.013	39	39

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVP ₂₂		KVVP _{2~22}			KVVR	KVVRP
		Min.	Max	Min.	Max			
10×0.75	0.6	11.1	13.8	12.7	15.7	0.011	26	26
10×1.0	0.6	127	152	13.5	16.7	0.01	19.5	19.5
10×1.5	0.7	14	17.3	15.3	18.8	0.01	13.3	13.3
10×2.5	0.8	16.5	20.3	17.7	21.B	0.009	7.98	7.98
12×0.5	0.6	10.9	13.5	125	15.4	0.013	39	39
12×0.75	0.6	11.5	142	13.3	16.4	0.011	26	26
12×1.0	0.6	12.7	15.7	13.9	17.2	0.01	19.5	19.5
12×15	0.7	14.4	17.8	15.7	193	0.01	13.3	13.3
12×2.5	0.8	17	21	18.7	22.9	0.009	7.98	7.98
14×0.5	0.6	11.4	14.1	13.2	16.3	0.013	39	39
14×0.75	0.6	126	15.6	13.9	17.1	0.011	26	26
14×1.0	0.6	13.2	16.4	14.5	17.9	0.01	19.5	19.5
14×1.5	0.7	15.1	18.7	16.4	20.2	0.01	13.3	13.3
14×25	0.8	17.9	22	19.5	24	0.009	7.98	7.98
16×0.5	0.6	12.6	15.5	138	171	0.013	39	39
16×0.75	0.6	13.2	16.4	14.5	17.9	0.011	26	26
16×1.0	0.6	13.9	172	152	18.7	0.01	19.5	19.5
16×1.5	0.7	16	19.6	172	21.1	0.01	13.3	13.3
16×2.5	0.8	19.3	23.6	20.5	25.2	0.009	7.98	7.98
19×0.5	0.6	13.2	16.3	14.4	17.8	0.013	39	39
19×0.75	0.6	13.9	17.2	15.2	18.7	0.011	26	26
19×1.0	0.6	14.6	18	159	19.5	0.01	19.5	19.5
19×1.5	0.7	16.8	20.6	18.4	22.6	0.01	13.3	13.3
19×2.5	8	20.3	24.9	21.5	26.4	0.009	7.98	7.98
24×0.5	0.6	15.3	18.8	16.5	20.3	0.013	39	39
24×0.75	0.6	16.1	19.8	17.4	21.3	0.011	25	26
24×1.0	0.6	17	20.9	18.6	22.9	0.01	19.5	19.5
24×1.5	0.7	20	24.5	21.2	26	0.01	13.3	13.3
24×2.5	0.8	23.7	29	25.2	30.8	0.009	7.98	7.98
27×0.5	0.6	15.6	19.2	16.8	20.7	0.013	39	39
27×0.75	0.6	16.4	20.2	17.7	21.7	0.011	26	26
27×10	0.6	17.3	21.3	19	23.3	0.01	19.5	19.5
27×1.5	0.7	20.4	25	21.6	26.5	0.01	13.3	13.3
27×2.5	0.8	24.2	29.6	25.7	31.4	0.009	7.98	7.98
30×0.5	0.6	16.1	19.8	17.3	21.3	0.013	39	39
30×0.75	0.6	17	20.9	18.7	22.9	0.011	26	26
30×1.0	0.6	17.9	22	19.6	24	0.01	19.5	19.5
30×1.5	0.7	21.1	25.9	22.3	27.4	0.01	13.3	13.3
30×2.5	0.8	251	30.7	26.6	32.5	0.009	7.98	7.98
37×0.5	0.6	17.3	21.3	18.9	23.3	0.013	39	39

No×section (mm ²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance M Ω *km	Conductor resistance at 20 °C(Ω /km)	
		KVVR		KVVRP			KVVR	KVVRP
		Min.	Max	Min.	Max			
37×0.75	0.6	18.7	23	20	24.5	0.011	26	26
37×1.0	0.6	19.7	24.2	21	25.7	0.01	19.5	19.5
37×1.5	0.7	22.7	27.8	24.2	29.6	0.01	13.3	13.3
37×2.5	0.8	27.7	33.8	29.2	35.6	0.009	7.98	7.98
44×0.5	0.6	19.8	24.2	21	25.8	0.013	39	39
44×0.75	0.6	20.9	25.6	22.2	27.1	0.011	26	26
44×1.0	0.6	22.1	27	23.6	28.8	0.01	19.5	19.5
44×1.5	0.7	25.5	31.2	27.6	33.7	0.01	13.3	13.3
44×2.5	0.8	31.1	37.9	33	40.2	0.009	7.98	7.98
48×0.5	0.6	20.1	24.6	21.3	26.1	0.013	39	39
4B×0.75	0.6	212	26	22.5	275	0.011	26	26
48×1.0	0.6	22.4	27.5	23.9	29.3	0.01	19.5	19.5
48×1.5	0.7	25.9	31.7	28	34.2	0.010	13.3	13.3
48×2.5	0.8	31.6	38.5	33.5	40.8	0.009	7.98	7.98
52×0.5	0.6	20.6	25.3	21.9	26.8	0.013	39	39.0
52×0.75	0.6	21H	26.7	23.1	28.2	0.011	26	26
52×1.0	0.6	23	28.2	24.5	30	0.01	19.5	19.5
52×1.5	0.7	26.7	32.6	—	—	0.01	13.3	—
52×25	0.8	329	40.1	—	—	0.009	7.98	—
61×0.5	0.6	21.8	26.7	23.1	28.2	0.013	39	39
61×0.75	0.6	23.1	28.3	24.6	30.1	0.011	26	26
61×1.0	0.6	24	29.9	25.9	31.7	0.01	19.5	19.5
61×1.5	0.7	28.9	35.3	—	—	D.010	13.3	—
61×2.5	0.8	34.9	42.5	—	—	0.009	7.98	—

Civil Household Wires

Photovoltaic cable

Communication Cables

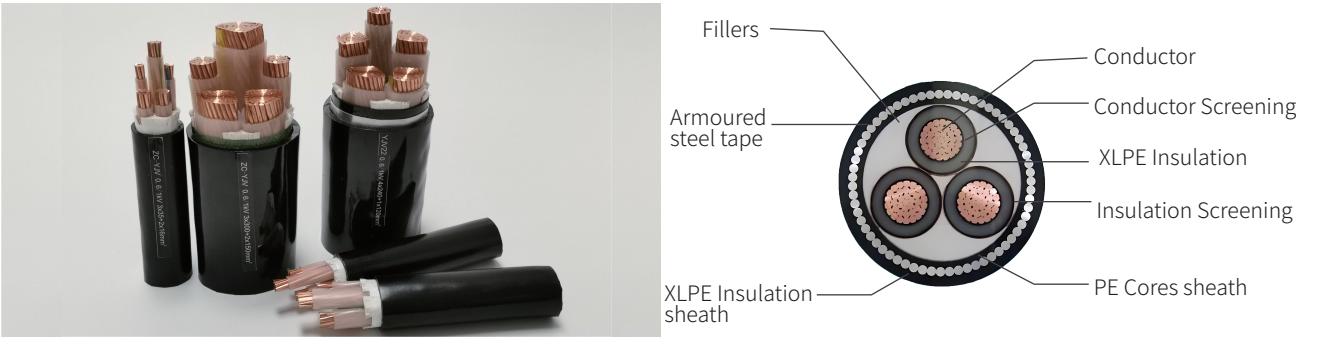
Control Cables

Power Cables

Specialty Cables

Other Cables

Xlpe insulated electric cables



Product Description/产品描述

Conductor material: oxygen-free copper (OFC)
Kleuren: OEM&ODM
Insulation material: kruisgebonden poly-ethyleen (xlpe)
High and low temperature resistance: -30 °C ~ + 70 °C (90°C)

APPLICATIONS

The cable is used in electric transmission and distrbution system
operating at rated voltage of 0.6/1,1.8/3,3.6/6,
6/10,8.7/15,12/20,18/30,21/35,26/35KV.

Model	Name
YJV YJILV	Cu and Al conductor, XLPE insulated, PVC sheathed electric cable
YJY YJLY	Cu and Al conductor, XLPE insulated, PE sheathed electric cable
YJV ₂₂ ₂₃ YJLV ₂₂ ₂₃	Cu and Al conductor, XLPEinsulated, steel tape armourd, PVC sheathed electric cable
YJV ₃₂ ₄₂ ₄₃ YJLV ₃₂ ₃₃ ₄₂ ₄₃	Cu and Al conductor, XLPE insulated, steel wire armourd, PVC or PE sheathed electric cable

0.6/1kV XLPE insulated power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Steel tape thick mm	Nominal thickness of sheath mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×1.5	0.7	1.4	6	47	38	37	28
1×2.5	0.7	1.4	6	59	44	49	33
1×4	0.7	1.4	7	77	52	65	40
1×6	0.7	1.4	7	99	62	86	49
1×10	0.7	1.4	8	147	84	131	68
1×16	0.7	1.4	9	209	109	191	91
1×25	0.9	1.4	11	304	149	283	127
1×35	0.9	1.4	12	400	184	377	160
1×50	1	1	13	524	232	498	205
1×70	1.1	1.4	15	732	310	701	279
1×95	1.1	1.5	17	991	404	953	367
1×120	1.2	1.5	18	1230	490	1189	449
1×150	1.4	1.6	20	1516	603	1467	554
1×185	1.6	1.7	23	1890	748	1832	690
1×240	1.7	1.8	26	2454	954	2384	884
1×300	1.8	1.8	28	3041	1157	2965	1081
1×400	2	2	32	3888	1478	3789	1379
1×500	2.2	2.1	36	4959	1874	4850	1755
1×630	2.4	2.2	40	6384	2382	6242	2240
2×1.5	0.7	1.8	10	105	86	84	62
2×2.5	0.7	1.8	10	134	102	111	79
2×4	0.7	1.8	11	173	123	148	98
2×6	0.7	1.8	12	226	150	198	122
2×10	0.7	1.8	15	342	214	307	178
2×16	0.7	1.8	17	488	285	448	244
2×25	0.9	1.8	21	711	393	663	345
2×35	0.9	1.8	23	927	486	873	433
2×50	1	1.8	21	1096	499	1045	448
2×70	1.1	1.8	23	1518	657	1460	598
2×95	1.1	2	27	2061	846	1987	791
2×120	1.2	2.1	29	2567	1058	2483	937
2×150	1.4	2.2	32	3155	1292	3057	1194
2×185	1.6	2.3	36	3913	1583	3799	1469

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
3×1.5	0.7	1.8	10	127	99	105	77
3×2.5	0.7	1.8	11	167	120	143	96
3×4	0.7	1.8	12	221	145	194	118
3×6	0.7	1.8	13	293	179	263	149
3×10	0.7	1.8	16	445	253	408	215
3×16	0.7	1.8	18	647	342	604	299
3×25	0.9	1.8	22	959	482	908	431
3×35	0.9	1.8	24	1274	613	1217	556
3×50	1	1.8	24	1590	695	1530	634
3×70	1.1	1.9	28	2228	935	2154	861
3×95	1.1	2	31	3015	1220	2927	1132
3×120	1.2	2.1	34	3763	1497	3661	1396
3×150	1.4	2.3	38	4965	1861	4533	1738
3×185	1.6	2.4	42	5778	2281	5636	2138
3×240	1.7	2.6	47	7513	2920	7339	2746
3×300	1.8	2.8	52	9409	3642	9202	3535
3×400	2	3.1	59	13026	4921	12650	4763
4×1.5	0.7	1.8	11	154	117	130	93
4×2.5	0.7	1.8	12	204	142	177	109
4×4	0.7	1.8	13	274	175	245	146
4×6	0.7	1.8	14	363	214	330	181
4×10	0.7	1.8	17	559	307	518	266
4×16	0.7	1.8	20	815	416	767	368
4×25	0.9	1.8	25	1208	585	1151	528
4×35	0.9	1.8	27	1612	747	1549	684
4×50	1	1.9	28	2057	886	1983	812
4×70	1.1	2	32	2883	1193	2794	1104
4×95	1.1	2.1	36	3914	1567	3808	1461
4×120	1.2	2.3	39	4902	1941	4775	1814
4×150	1.4	2.4	44	6033	2380	5886	2233
4×185	1.6	2.6	48	7526	2955	7348	2777
4×240	1.7	2.8	54	9781	3778	9565	3562
4×300	1.8	3	60	12184	4646	11929	4391
4×400	2	3.2	65	15658	5892	14891	5409

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
5×4	0.7	1.8	14	332	206	300	174
5×6	0.7	1.8	15	446	256	410	220
5×10	0.7	1.8	18	691	370	646	325
5×16	0.7	1.8	21	1007	499	954	446
5×25	0.9	1.8	25	1504	710	1441	647
5×35	0.9	1.8	27	2007	905	1937	835
5×50	1.0	1.9	32	2726	1234	2634	1142
5×70	1.1	2.1	37	3823	1669	3712	1558
5×95	1.1	2.2	41	5190	2199	5050	2059
5×120	1.2	2.4	46	6349	2575	6187	2413
5×150	1.4	2.5	50	7869	3213	7673	3017
5×185	1.6	2.7	56	9788	3962	9552	3726
5×240	1.7	2.9	63	12849	5198	12564	4913
5×300	1.8	3.1	70	15920	6314	15584	5978
3×4+1×2.5	0.7	1.8	13	258	166	229	137
3×6+1×4	0.7	1.8	14	344	205	312	173
3×10+1×6	0.7	1.8	17	516	285	476	246
3×16+1×10	0.7	1.8	19	765	396	719	350
3×25+1×16	0.9	1.8	23	1134	556	1079	501
3×35+1×16	0.9	1.8	25	1431	668	1371	608
3×50+1×25	1.0	1.8	27	1863	809	1803	742
3×70+1×35	1.1	1.9	30	2604	1090	2523	1009
3×95+1×50	1.1	2.1	35	3527	1433	3425	1331
3×120+1×70	1.2	2.2	38	4489	1794	4371	1676
3×150+1×70	1.4	2.3	42	5362	2136	5227	2001
3×185+1×95	1.6	2.5	47	6770	2674	6605	2509
3×240+1×120	1.7	2.7	52	8743	3395	8545	3197
3×300+1×150	1.8	2.9	57	10878	4180	10643	3945
3×400+1×240	2.0	3.1	63	14425	5617	14108	5105

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
3×4+2×2.5	0.7	1.8	13	296	187	263	156
3×6+2×4	0.7	1.8	15	399	234	364	199
3×10+2×6	0.7	1.8	17	589	320	547	278
3×16+2×10	0.7	1.8	21	879	446	829	396
3×25+2×16	0.9	1.8	24	1313	633	1254	574
3×35+2×16	0.9	1.8	26	1607	742	1573	678
3×50+2×25	1.0	1.9	30	2243	1029	2162	948
3×70+2×35	1.1	2.0	35	3126	1392	3028	1294
3×95+2×50	1.1	2.2	39	4207	1814	4085	1692
3×120+2×70	1.2	2.3	44	5303	2176	5159	2032
3×150+2×70	1.4	2.4	48	6209	2552	6047	2390
3×185+2×95	1.6	2.6	53	7898	3204	7701	3007
3×240+2×120	1.7	2.8	60	10188	4086	9949	3847
3×300+2×150	1.8	3.0	66	12675	5045	12392	4762
4×4+1×2.5	0.7	1.8	14	313	197	281	165
4×6+1×4	0.7	1.8	15	448	271	413	236
4×10+1×6	0.7	1.8	19	656	361	612	317
4×16+1×10	0.7	1.8	22	946	475	894	423
4×25+1×16	0.9	1.8	25	1408	670	1347	609
4×35+1×16	0.9	1.8	28	1807	823	1740	756
4×50+1×25	1.0	2.0	33	2479	1127	2395	1043
4×70+1×35	1.1	2.1	37	3483	1539	3374	1430
4×95+1×50	1.1	2.3	43	4677	1986	4549	1858
4×120+1×70	1.2	2.4	48	5971	2522	5815	2366
4×150+1×70	1.4	2.6	53	7021	2865	6843	2687
4×185+1×95	1.6	2.8	59	8858	3599	8643	3384
4×240+1×120	1.7	3.0	67	11473	4598	11212	4337
4×300+1×150	1.8	3.2	74	14275	5659	13967	5351

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY23	YJLY23
2×4	0.7	1.8	15	324	274	290	240
2×6	0.7	1.8	16	390	314	353	277
2×10	0.7	1.8	18	524	396	480	352
2×16	0.7	1.8	20	694	490	645	441
2×25	0.9	1.8	24	978	645	922	589
2×35	0.9	1.8	26	1222	782	1160	720
2×50	1.0	1.8	24	1372	975	1312	915
2×70	1.1	2.0	28	2124	1263	2761	1185
2×95	1.1	2.1	31	2728	1532	2637	1441
2×120	1.2	2.2	34	3292	1783	3189	1680
2×150	1.4	2.4	37	3975	2113	3851	1989
2×185	1.6	2.5	41	4838	2508	4696	2366
3×4	0.7	1.8	15	379	303	344	268
3×6	0.7	1.8	16	466	352	428	314
3×10	0.1	1.8	19	655	462	609	416
3×16	0.7	1.8	21	887	582	835	530
3×25	0.9	1.8	25	1243	766	1183	706
3×35	0.9	1.8	28	1588	927	1523	862
3×50	1.0	1.9	28	1923	1027	1850	954
3×70	1.1	2.0	33	2929	1636	2838	1545
3×95	1.1	2.2	36	3822	2026	3710	1891
3×120	1.2	2.3	39	4659	2394	4532	2267
3×150	1.4	2.4	43	5627	2832	5482	2687
3×185	1.6	2.6	48	6879	3400	6723	3226
3×240	1.7	2.8	53	8788	4195	8579	3986
3×300	1.8	2.9	58	10787	5020	10550	4783
3×400	2.0	3.1	65	14306	6681	14120	6352

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY22	YJLY22
4×4	0.7	1.8	16	445	354	407	327
4×6	0.7	1.8	17	550	409	509	389
4×10	0.7	1.8	21	787	539	737	524
4×16	0.7	1.8	23	1076	810	1019	795
4×25	0.9	1.8	27	1519	1041	1454	1021
4×35	0.9	1.8	30	1957	1243	1885	1225
4×50	1.0	2.0	33	2759	1539	2668	1510
4×70	1.1	2.1	36	3678	2017	3571	1982
4×95	1.1	2.3	41	4832	2483	4700	2353
4×120	1.2	2.4	44	5906	2945	5756	2813
4×150	1.4	2.6	49	7186	3533	7007	3354
4×185	1.6	2.7	54	8807	4236	8602	4031
4×240	1.7	3.0	60	11268	5625	11013	5010
4×300	1.8	3.1	66	13824	6286	13534	5996
4×400	2.0	3.3	74	17258	7908	16865	7493
5×4	0.7	1.8	17	507	380	466	339
5×6	0.7	1.8	19	638	448	593	403
5×10	0.7	1.8	22	926	605	871	551
5×16	0.7	1.8	25	1277	769	1215	707
5×25	0.9	1.8	28	1817	1023	1746	952
5×35	0.9	2.0	33	2705	1603	2613	1511
5×50	1.0	2.1	37	3525	2033	3414	1923
5×70	1.1	2.2	42	4732	2578	4601	2447
5×95	1.1	2.4	48	6256	3265	6093	3101
5×120	1.2	2.6	53	7571	3797	7376	3602
5×150	1.4	2.7	58	9221	4565	8997	4341
5×185	1.6	2.9	65	11319	5494	11052	5227
5×240	1.7	3.2	73	14631	6981	14300	6650
5×300	1.8	3.4	80	17948	8341	17560	7954

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY23	YJLY23
3×4+1×2.5	0.7	1.8	16	425	333	388	296
3×6+1×4	0.7	1.8	17	527	388	486	347
3×10+1×6	0.7	1.8	20	734	503	686	455
3×16+1×10	0.7	1.8	23	1019	650	964	595
3×25+1×16	0.9	1.8	26	1434	856	1371	793
3×35+1×16	0.9	1.8	28	1757	994	1689	926
3×50+1×25	1.0	1.9	30	2229	1175	2149	1095
3×70+1×35	1.1	2.1	35	3386	1872	3282	1768
3×95+1×50	1.1	2.2	39	4397	2303	4275	2181
3×120+1×70	1.2	2.3	43	5468	2772	5328	2632
3×150+1×70	1.4	2.5	47	6464	3238	6299	3073
3×185+1×95	1.6	2.6	52	8004	3908	7813	3717
3×240+1×120	1.7	2.8	57	10140	4792	9912	4564
3×300+1×150	1.8	3.0	63	12445	5747	12177	5479
3×400+1×240	2.0	3.2	71	16681	76584	16872	7082
3×4+2×2.5	0.7	1.8	17	463	356	423	316
3×6+2×4	0.7	1.8	18	584	420	541	376
3×10+2×6	0.7	1.8	21	806	538	756	487
3×16+2×10	0.7	1.8	24	1136	702	1077	644
3×25+2×16	0.9	1.8	27	1610	930	1542	852
3×35+2×16	0.9	1.8	29	1926	1061	1853	988
3×50+2×25	1.0	2.0	35	2983	1770	2885	1672
3×70+2×35	1.1	2.1	40	3979	2244	3861	2127
3×95+2×50	1.1	2.3	44	5162	2769	5018	2626
3×120+2×70	1.2	2.4	49	6397	3269	6229	3102
3×150+2×70	1.4	2.5	53	7409	3752	7221	3564
3×185+2×95	1.6	2.7	59	9259	4565	9034	4339
3×240+2×120	1.7	2.9	65	11737	5635	11467	5365
3×300+2×150	1.8	3.1	72	14413	6783	14095	6465

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY23	YJLY23
4×4+1×2.5	0.7	1.8	17	485	368	445	328
4×6+1×4	0.7	1.8	18	637	460	593	416
4×10+1×6	0.7	1.8	21	882	588	830	535
4×16+1×10	0.7	1.8	24	1208	738	1148	677
4×25+1×16	0.9	1.8	28	1713	976	1643	906
4×35+1×16	0.9	1.9	30	2152	1169	2072	1089
4×50+1×25	1.0	2.1	36	3263	1191	3156	1804
4×70+1×35	1.1	2.2	41	4376	2432	4248	2304
4×95+1×50	1.1	2.3	46	5695	3004	5545	2854
4×120+1×70	1.2	2.5	51	7129	3679	6947	3498
4×150+1×70	1.4	2.6	55	8282	4126	8077	3922
4×185+1×95	1.6	2.8	61	10287	5029	10043	4784
4×240+1×120	1.7	3.1	69	13163	6288	12759	5983
4×300+1×150	1.8	3.3	76	16169	7552	15812	7195

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
2×4	0.7	1.8	15	415	373	379	341
2×6	0.7	1.8	16	484	416	445	337
2×10	0.7	1.8	19	647	519	601	377
2×16	0.7	1.8	23	1123	919	1067	863
2×25	0.9	1.8	26	1462	1129	1399	1066
2×35	0.9	1.8	27	1766	1326	1694	1254
2×50	1.0	1.9	25	1886	1289	1820	1223
2×70	1.1	2.1	28	2418	1557	2340	1479
2×95	1.1	2.2	32	3050	1854	2960	1706
2×120	1.2	2.3	33	3865	2356	3766	2257
2×150	1.4	2.5	36	4617	2755	4497	2635
2×185	1.6	2.6	44	5540	3210	5403	3073
3×4	0.7	1.8	16	476	400	438	289
3×6	0.7	1.8	17	571	457	530	416
3×10	0.7	1.8	20	784	591	736	543
3×16	0.7	1.8	24	1341	1036	1283	978
3×25	0.9	1.8	28	1750	1273	1684	1207
3×35	0.9	1.8	30	2154	1493	2078	1417
3×50	1.0	2.0	30	2527	1631	2447	1551
3×70	1.1	2.1	35	3537	2244	3435	2142
3×95	1.1	2.2	38	4477	2681	4358	2562
3×120	1.2	2.4	42	5388	3123	5254	2989
3×150	1.4	2.5	46	6818	4023	6662	3867
3×185	1.6	2.7	51	8213	4716	8027	4530
3×240	1.7	2.9	56	10252	5659	10030	5437
3×300	1.8	3.0	58	12338	6571	12097	6330
3×400	2.0	3.3	62	16782	88615	16142	8526

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
4×4	0.7	1.8	17	551	494	511	474
4×6	0.7	1.8	18	667	605	623	561
4×10	0.7	1.8	21	1214	1115	1158	1059
4×16	0.7	1.8	25	1556	1417	1503	1354
4×25	0.9	1.8	29	2088	1836	2012	1760
4×35	0.9	1.9	33	2825	2426	2735	2336
4×50	1.0	2.1	35	3365	2742	3263	2640
4×70	1.1	2.2	39	4372	3238	4253	3099
4×95	1.1	2.3	43	5585	3507	5446	3388
4×120	1.2	2.5	47	7134	4173	6966	4005
4×150	1.4	2.7	52	8516	4863	8325	4672
4×185	1.6	2.8	57	10313	5742	10087	5516
4×240	1.7	3.1	63	12924	6921	12655	6652
4×300	1.8	3.3	68	16488	8950	16158	8620
4×400	2.0	3.5	74	20715	11086	20123	10827
5×4	0.7	1.8	18	622	495	579	452
5×6	0.7	1.8	19	763	573	715	525
5×10	0.7	1.8	24	1391	1070	1330	1009
5×16	0.7	1.8	27	1819	1314	1751	1243
5×25	0.9	1.9	31	2444	1650	2362	1568
5×35	0.9	1.9	35	3308	2206	3205	2103
5×50	1.0	2.1	39	4223	2731	4100	2608
5×70	1.1	2.3	44	5931	3777	5777	3623
5×95	1.1	2.5	51	7636	4645	7447	4456
5×120	1.2	2.6	56	9071	5297	8847	5073
5×150	1.4	2.7	61	10909	6253	10655	5999
5×185	1.6	2.9	68	13212	7387	12902	7077
5×240	1.7	3.2	77	17657	10007	17271	9621
5×300	1.8	3.4	84	21236	11629	20789	11229

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
3×4+1×2.5	0.7	1.8	17	529	437	489	397
3×6+1×4	0.7	1.8	18	638	499	595	456
3×10+1×6	0.7	1.8	21	1150	919	1096	865
3×16+1×10	0.7	1.8	25	1497	1128	1436	1067
3×25+1×16	0.9	1.8	29	1993	1415	1919	1341
3×35+1×16	0.9	1.9	31	2350	1587	2271	1508
3×50+1×25	1.0	2.0	33	3136	2082	3042	1988
3×70+1×35	1.1	2.1	37	4048	2534	3932	2418
3×95+1×50	1.1	2.3	42	5139	3045	5004	2910
3×120+1×70	1.2	2.4	46	6692	3996	6528	3832
3×150+1×70	1.4	2.6	50	7770	4544	7586	4360
3×185+1×95	1.6	2.7	55	9460	5364	9249	5153
3×240+1×120	1.7	2.9	61	11744	6396	11495	6147
3×300+1×150	1.8	3.1	65	14352	8327	12452	7736
3×400+1×240	2.0	3.3	71	18940	11235	16681	10318
3×4+2×2.5	0.7	1.8	17	574	467	532	425
3×6+2×4	0.7	1.8	19	705	541	660	496
3×10+2×6	0.7	1.8	21	1249	981	1192	924
3×16+2×10	0.7	1.8	25	1653	1219	1588	1154
3×25+2×16	0.9	1.8	29	2214	1534	2135	1455
3×35+2×16	0.9	1.9	31	2580	1715	2492	1627
3×50+2×25	1.0	2.0	36	3663	2450	3548	2335
3×70+2×35	1.1	2.2	42	4757	3022	4621	2886
3×95+2×50	1.1	2.4	46	6409	4016	6241	3848
3×120+2×70	1.2	2.5	51	7819	4691	7617	4489
3×150+2×70	1.4	2.7	56	8932	5275	8708	5051
3×185+2×95	1.6	2.8	62	10969	6275	10704	6010
3×240+2×120	1.7	3.0	69	13657	7555	13343	7241
3×300+2×150	1.8	3.2	74	16474	8844	16184	8554

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
4×4+1×2.5	0.7	1.8	18	625	508	583	466
4×6+1×4	0.7	1.8	19	760	583	714	537
4×10+1×6	0.7	1.8	24	1336	1042	1277	983
4×16+1×10	0.7	1.8	27	1738	1268	1671	1201
4×25+1×16	0.9	1.9	30	2328	1591	2248	1511
4×35+1×16	0.9	1.9	33	3060	2077	2966	1983
4×50+1×25	1.0	2.1	38	3932	2580	3813	2461
4×70+1×35	1.1	2.3	44	5177	3233	5029	3085
4×95+1×50	1.1	2.5	49	7027	4336	6852	4161
4×120+1×70	1.2	2.6	54	8577	5127	8368	4918
4×150+1×70	1.4	2.7	59	9844	5728	9642	5486
4×185+1×95	1.6	2.9	65	12072	6814	11786	6528
4×240+1×120	1.7	3.2	72	15958	9083	15911	8736
4×300+1×150	1.8	3.4	80	19269	10652	18855	10238

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV42	YJLV42	YJY43	YJLY43
2×25	0.9	1.9	32	2711	2394	2628	2311
2×35	0.9	2.0	34	3164	2725	3070	2631
2×50	1.0	2.1	32	3220	2626	3127	2533
2×70	1.1	2.2	35	3888	3030	3787	2923
2×95	1.1	2.3	38	4657	3466	4536	3345
2×120	1.2	2.5	41	5294	3791	5154	3656
2×150	1.4	2.6	44	6137	4283	5980	4126
2×185	1.6	2.7	47	7244	4924	7067	4747
3×25	0.9	2.0	33	3087	2786	2995	2695
3×35	0.9	2.1	36	3627	3310	3529	3214
3×50	1.0	2.2	36	3953	3393	3849	3287
3×70	1.1	2.3	40	4953	4015	4927	3893
3×95	1.1	2.4	43	5978	4703	5842	4562
3×120	1.2	2.5	46	6971	5306	6810	5147
3×150	1.4	2.7	50	8216	6242	8029	6065
3×185	1.6	2.8	54	9691	7312	9481	7101
3×240	1.7	3.0	59	11792	8059	11544	7820
3×300	1.8	3.2	64	14049	9217	13781	8938
4×25	0.9	2.0	35	3578	2946	3481	2848
4×35	0.9	2.1	38	4234	3356	4124	3246
4×50	1.0	2.3	40	4803	3613	4683	3493
4×70	1.1	2.4	43	5908	4192	5764	4048
4×95	1.1	2.5	48	7414	5031	7248	4865
4×120	1.2	2.7	51	8668	5662	8475	5469
4×150	1.4	2.8	55	10172	6464	9956	6248
4×185	1.6	3.0	60	12058	7418	11806	7165
4×240	1.7	3.2	66	14832	8738	14536	8442
4×300	1.8	3.4	72	17755	10103	17413	9761
5×25	0.9	2.1	38	4098	3307	3988	3197
5×35	0.9	2.2	41	4851	3754	4276	3629
5×50	1.0	2.4	44	5793	4308	5651	4166
5×70	1.1	2.5	50	7391	5246	7215	5071
5×95	1.1	2.7	55	9188	6210	8989	6011
5×120	1.2	2.8	59	10845	7088	10612	6855
5×150	1.4	3.0	65	12718	8082	12445	7810
5×185	1.6	3.2	71	15116	9316	14798	8997
5×240	1.7	3.4	78	18773	11156	18398	10781
5×300	1.8	3.6	85	22471	12906	22026	12461

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV42	YJLV42	YJY43	YJLY43
3×25+1×16	0.9	1.9	34	3362	2786	3272	2695
3×35+1×16	0.9	2	36	4070	3310	3974	3214
3×50+1×25	1	2.1	38	4442	3393	4336	3287
3×70+1×35	1.1	2.3	42	5522	4015	5399	3893
3×95+1×50	1.1	2.5	46	6787	4703	6646	4562
3×120+1×70	1.2	2.6	49	7989	5306	7830	5147
3×150+1×70	1.4	2.7	53	9453	6242	9275	6065
3×185+1×95	1.6	2.9	58	11388	7312	11177	7017
3×240+1×120	1.7	3.1	63	13381	8059	13142	7820
3×300+1×150	1.8	3.2	68	15883	9217	15604	8938
3×400+1×240		3.4	75	21179	12364	20935	12158
3×25+2×16	0.9	2.1	36	3972	3115	3686	3009
3×35+2×16	0.9	2.2	38	4206	3345	4094	3234
3×50+2×25	1	2.3	42	5108	3972	5051	3844
3×70+2×35	1.1	2.4	47	6440	4712	6283	4558
3×95+2×50	1.1	2.6	51	7857	5476	7679	5298
3×120+2×70	1.2	2.7	56	9212	6100	9000	5888
3×150+2×70	1.4	2.8	59	10589	6949	10355	6716
3×185+2×95	1.6	3	65	12751	8080	12477	7806
3×240+2×120	1.7	3.2	72	15524	9451	15202	9129
3×300+2×150	1.8	3.4	78	18594	11001	18221	10628
4×25+1×16	0.9	2.1	37	3893	3159	3785	3051
4×35+1×16	0.9	2.2	39	4536	3557	4415	3436
4×50+1×25	1	2.3	43	5446	4100	5308	3961
4×70+1×35	1.1	2.5	48	6899	4964	6737	4802
4×95+1×50	1.1	2.6	53	8471	5791	8278	5599
4×120+1×70	1.2	2.8	58	10204	6770	9986	6552
4×150+1×70	1.4	2.9	62	11634	7497	11382	7245
4×185+1×95	1.6	3.1	68	13948	8712	13652	8416
4×240+1×120	1.7	3.3	75	17152	10307	16805	9959
4×300+1×150	1.8	3.5	81	20439	11860	20037	11458

6/10kV(6/6KV)XLPE insulation copper tape
screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×25	3.4	1.6	21	641	486	596	441
1×35	3.4	1.6	22	757	542	710	495
1×50	3.4	1.7	23	909	618	856	565
1×70	3.4	1.7	25	1149	729	1091	671
1×95	3.4	1.8	27	1413	860	1377	794
1×120	3.4	1.8	28	1705	968	1636	899
1×150	3.4	1.9	30	2008	1099	1931	1022
1×185	3.4	1.9	32	2388	1251	2036	1169
1×240	3.4	2	34	2989	1496	2895	1402
1×300	3.4	2	37	3622	1749	3516	1642
1×400	3.4	2.2	40	4475	2078	4355	1958
1×500	3.4	2.3	43	5594	2514	4914	2429
1×630	3.4	2.4	47	7032	3049	6875	2892
3×25	3.4	2.3	42	1947	1472	1813	1388
3×35	3.4	2.3	44	2301	1643	2160	1502
3×50	3.4	2.5	47	2779	1888	2616	1725
3×70	3.4	2.6	51	3546	2260	3361	2075
3×95	3.4	2.7	55	4444	2657	4238	2451
3×120	3.4	2.8	58	5281	3028	5055	2802
3×150	3.4	2.9	61	6206	3426	5957	3177
3×185	3.4	3	65	7414	3933	7138	3660
3×240	3.4	3.2	70	9290	4722	8973	4404
3×300	3.4	3.3	75	11233	5497	10883	5147
3×400	3.4	3.5	81	15418	70126	13517	6582

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₃	YJLY ₂₃
1×25	3.4	1.8	22	1010	855	965	810
1×35	3.4	1.8	23	1159	944	1112	897
1×50	3.4	1.9	24	1326	1035	1276	982
1×70	3.4	1.9	26	1604	1184	1546	1126
1×95	3.4	2	28	1915	1362	1879	1296
1×120	3.4	2	29	2235	1498	2166	1429
1×150	3.4	2.1	31	2768	1659	2491	1582
1×185	3.4	2.1	34	3012	1837	2660	1793
1×240	3.4	2.2	36	3677	2241	3583	2158
1×300	3.4	2.3	39	4422	2584	4316	2442
1×400	3.4	2.3	42	5395	2998	5275	2876
1×500	3.4	2.4	45	6614	3534	5934	3411
1×630	3.4	2.5	49	8152	4169	7995	4012
3×25	3.4	2.5	47	3054	2579	2823	2348
3×35	3.4	2.6	49	3508	2850	3252	2594
3×50	3.4	2.7	52	4032	3141	3754	2864
3×70	3.4	2.8	56	4930	3644	4613	3327
3×95	3.4	2.9	60	5951	4164	5595	3808
3×120	3.4	3.1	63	6871	4618	6487	4234
3×150	3.4	3.2	67	7801	5021	7357	4587
3×185	3.4	3.4	71	9286	5808	8807	5329
3×240	3.4	3.5	77	11355	6787	10803	6235
3×300	3.4	3.8	83	14368	8632	13762	8026
3×400	3.4	4.2	91	19127	11382	17386	10818

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
1×25	3.4	1.8	27	1456	1301	1357	1202
1×35	3.4	1.8	28	1610	1395	1507	1292
1×50	3.4	1.9	29	1804	1513	1692	1401
1×70	3.4	1.9	31	2105	1685	1984	1564
1×95	3.4	2	34	2697	2113	2562	1978
1×120	3.4	2.1	35	3034	2297	2887	2150
1×150	3.4	2.1	37	3384	2475	3230	2321
1×185	3.4	2.2	39	3842	2705	3675	2528
1×240	3.4	2.2	41	4564	3035	4366	2873
1×300	3.4	2.3	43	5272	3397	5075	3200
1×400	3.4	2.5	48	6731	4334	6496	4099
1×500	3.4	2.6	51	8037	4957	7776	4696
1×630	3.4	2.7	55	9686	5703	9388	5405
3×25	3.4	2.5	50	4322	3847	4073	3598
3×35	3.4	2.6	52	4813	4155	4538	3880
3×50	3.4	2.7	55	5412	4521	5115	4224
3×70	3.4	2.8	59	6433	5147	6095	4809
3×95	3.4	3	63	7573	5786	7187	5400
3×120	3.4	3.1	67	8599	6346	8182	5929
3×150	3.4	3.2	70	9741	7337	9283	6503
3×185	3.4	3.4	76	12078	8600	11556	8078
3×240	3.4	3.5	81	14330	9762	13745	9177
3×300	3.4	3.7	86	16679	10943	16031	10295
3×400	3.4	—	—	19871	12536	19122	11787

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
1×25	3.4	2	34	2894	2739	2744	2589
1×35	3.4	2.1	35	3036	2821	2875	2660
1×50	3.4	2.1	36	3292	3001	3124	2833
1×70	3.4	2.2	38	3772	3352	3588	3168
1×95	3.4	2.2	40	4174	3590	3980	3396
1×120	3.4	2.3	41	4571	3835	4362	3626
1×150	3.4	2.3	43	4978	4070	4760	3852
1×185	3.4	2.4	45	5498	4361	5263	4126
1×240	3.4	2.4	47	6314	4821	6053	4560
1×300	3.4	2.5	48	7240	5365	6908	5033
1×400	3.4	2.6	51	8272	5875	7974	5577
1×500	3.4	2.7	55	9637	6557	9308	6228
1×630	3.4	2.8	59	11425	7442	11062	7079
3×25	3.4	2.7	55	5980	5505	5657	5182
3×35	3.4	2.8	57	6483	5825	6138	5480
3×50	3.4	2.9	60	7177	6286	6806	5915
3×70	3.4	3	64	8297	7011	7888	6602
3×95	3.4	3.1	67	9441	7654	8997	7210
3×120	3.4	3.2	71	10622	8369	10145	7892
3×150	3.4	3.3	74	11789	9009	11277	8497
3×185	3.4	3.4	78	13344	9866	12793	9315
3×240	3.4	3.6	83	15697	11129	15080	10512
3×300	3.4	3.8	88	18041	12305	17359	11623
3×400	3.4	4	95	21333	13998	20561	13226

8.7/15 kV(8.7/10kV)XLPE insulation copper tape
screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×25	4.5	1.7	23	729	574	672	517
1×35	4.5	1.7	24	848	633	787	572
1×50	4.5	1.8	25	1008	717	940	649
1×70	4.5	1.8	27	1252	832	1180	759
1×95	4.5	1.9	29	1554	970	1473	889
1×120	4.5	1.9	30	1820	1084	1734	998
1×150	4.5	2	32	2129	1221	2034	1126
1×185	4.5	2	36	2514	1378	2414	1277
1×240	4.5	2.1	36	3124	1631	3010	1517
1×300	4.5	2.2	39	3770	1896	3643	1768
1×400	4.5	2.3	42	4634	2237	4491	2094
1×500	4.5	2.4	45	5736	2657	5574	2494
1×630	4.5	2.4	49	7187	3204	7002	3019
3×25	4.5	2.4	47	2367	1893	2211	1736
3×35	4.5	2.5	49	2791	2133	2620	1962
3×50	4.5	2.6	52	3307	2417	3120	2229
3×70	4.5	2.7	56	4136	2850	3926	2640
3×95	4.5	2.8	59	5072	3285	4839	3053
3×120	4.5	2.9	62	5941	3687	5686	3433
3×150	4.5	3.1	66	6936	4156	6649	3869
3×185	4.5	3.2	70	8233	4755	7920	4441
3×240	4.5	3.3	75	10124	5556	9774	5206
3×300	4.5	3.5	80	12256	6521	11861	6125
3×400	4.5	3.7	87	15030	7695	14578	7243

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₃	YJLY ₂₃
1×25	4.5	1.8	25	991	839	937	782
1×35	4.5	1.8	26	1181	1066	1120	1005
1×50	4.5	1.9	27	1477	1186	1409	1118
1×70	4.5	1.9	29	1774	1354	1702	1281
1×95	4.5	2	31	2106	1522	2025	1441
1×120	4.5	2	32	2410	1675	2325	1589
1×150	4.5	2.1	34	2770	1862	2675	1767
1×185	4.5	2.1	38	3188	2052	3088	1951
1×240	4.5	2.2	39	3874	2381	3760	2267
1×300	4.5	2.3	41	4630	2756	4503	2628
1×400	4.5	2.4	43	5654	3257	5511	3114
1×500	4.5	2.5	47	6856	3777	6694	3614
1×630	4.5	2.6	51	8407	4424	8022	4329
3×25	4.5	2.5	52	3164	3139	3343	2868
3×35	4.5	2.6	54	4091	3433	3800	3142
3×50	4.5	2.7	58	4715	3824	4391	3501
3×70	4.5	2.9	62	5703	4417	5329	4043
3×95	4.5	3	66	6728	4941	6323	4536
3×120	4.5	3.1	69	7716	5463	7270	5017
3×150	4.5	3.2	72	8859	6079	8370	5590
3×185	4.5	3.3	76	10257	6779	9731	6253
3×240	4.5	3.5	82	12371	7803	11769	7201
3×300	4.5	3.7	88	15622	9880	14885	9149
3×400	4.5	4	95	18724	11389	17935	10600

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
1×25	4.5	1.8	29	1612	1456	1499	1344
1×35	4.5	1.8	30	1768	1553	1651	1436
1×50	4.5	1.9	31	1969	1678	1842	1551
1×70	4.5	1.9	33	2110	1689	1972	1735
1×95	4.5	2	36	2882	2298	2732	2148
1×120	4.5	2.1	37	3207	2470	3050	2313
1×150	4.5	2.1	39	3577	2668	3407	2499
1×185	4.5	2.2	40	4048	2911	3869	2733
1×240	4.5	2.2	43	4749	3256	4552	3059
1×300	4.5	2.3	47	5933	4059	5709	3834
1×400	4.5	2.5	50	6935	4538	6688	4291
1×500	4.5	2.6	53	8240	5160	7959	4880
1×630	4.5	2.7	57	9962	5980	9635	5653
3×25	4.5	2.6	54	4966	4492	4674	4199
3×35	4.5	2.7	56	5488	4830	5175	4517
3×50	4.5	2.9	59	6170	5279	5825	4934
3×70	4.5	3	63	7378	6095	7006	5720
3×95	4.5	3.1	67	8386	6599	7964	6178
3×120	4.5	3.2	70	9473	7220	9010	6757
3×150	4.5	3.4	75	11565	8785	11042	8262
3×185	4.5	3.5	79	13090	9612	12527	9049
3×240	4.5	3.6	85	15421	10853	15224	10656
3×300	4.5	3.8	90	17964	12228	17191	11455
3×400	4.5	4.1	97	21228	13849	20418	13083

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
1×25	4.5	2.1	36	3099	2893	2944	2777
1×35	4.5	2.1	37	3330	3115	3156	2941
1×50	4.5	2.1	38	3608	3316	3422	3130
1×70	4.5	2.2	40	3972	3552	3775	3354
1×95	4.5	2.3	42	4397	3813	4183	3600
1×120	4.5	2.3	43	4779	4042	4557	3820
1×150	4.5	2.4	45	5208	4300	4971	4062
1×185	4.5	2.4	46	5814	4678	5566	4429
1×240	4.5	2.5	49	6656	5163	6385	4892
1×300	4.5	2.6	51	7430	5556	7137	5262
1×400	4.5	2.7	54	8529	6132	8029	5812
1×500	4.5	2.8	58	9975	6895	9632	6543
1×630	4.5	2.9	62	11772	7789	11385	7402
3×25	4.5	2.8	59	6632	6157	6278	5804
3×35	4.5	2.9	61	7287	6629	6909	6251
3×50	4.5	3	63	7936	7045	7532	6641
3×70	4.5	3.1	67	9118	7832	8675	7389
3×95	4.5	3.2	71	10432	8645	9942	8156
3×120	4.5	3.3	74	11545	9262	11020	8767
3×150	4.5	3.4	77	12855	10075	12295	9515
3×185	4.5	3.5	81	14400	10922	13798	10320
3×240	4.5	3.7	84	16797	12229	16127	11559
3×300	4.5	3.9	87	19370	13634	18588	12852
3×400	4.5	4.1	98	22708	15373	21872	14537

12/20kV XLPE insulation copper tape screen pover cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
1×35	5.5	2	27	979	762
1×50	5.5	2	29	1155	846
1×70	5.5	2	30	1393	959
1×95	5.5	2	32	1681	1093
1×120	5.5	2	34	1979	1236
1×150	5.5	2	35	2301	1373
1×185	5.5	2	38	2718	1573
1×240	5.5	2.5	40	3302	1817
1×300	5.5	2.5	43	3941	2084
1×400	5.5	2.5	45	4931	2455
1×500	5.5	2.5	48	5956	2861
1×630	5.5	2.6	49	7769	3863
3×35	5.5	3	57	3348	2696
3×50	5.5	3	60	3904	2973
3×70	5.5	3	63	4623	3321
3×95	5.5	3.5	67	5593	3825
3×120	5.5	3.5	71	6495	4262
3×150	5.5	3.5	74	7637	4846
3×185	5.5	3.5	78	8803	5361
3×240	5.5	3.5	84	10729	6263
3×300	5.5	4	89	12723	7141
3×400	5.5	4.1	96	16207	8647

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
3×35	5.5	3.2	63	4840	4189
3×50	5.5	3.2	66	5463	4532
3×70	5.5	3.3	69	6346	5044
3×95	5.5	3.6	74	7457	5689
3×120	5.5	3.6	77	8459	6227
3×150	5.5	3.8	82	10555	7764
3×185	5.5	4	86	11925	8483
3×240	5.5	4	92	13959	9494
3×300	5.5	4.2	97	16314	10731
3×400	5.5	4.3	103	19032	11458

18/30kV XLPE insulation copper tape screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
1×50	8.0	1.9	32	1303	993
1×70	8.0	2.0	34	1560	1126
1×95	8.0	2.1	35.4	1863	1274
1×120	8.0	2.1	36.8	2143	1399
1×150	8.0	2.1	38.4	2476	1546
1×185	8.0	2.2	40.2	2872	1725
1×240	8.0	2.3	42.6	3470	1982
1×300	8.0	2.3	44.8	3997	2137
1×400	8.0	2.5	48.4	5185	2705
1×500	8.0	2.5	51.2	6206	3106
1×630	8.0	2.7	55.0	7525	3619
3×50	8.0	3.0	66.5	4002	3072
3×70	8.0	3.1	70.2	4767	3645
3×95	8.0	3.3	74.0	5702	3935
3×120	8.0	3.4	77.2	6484	4353
3×150	8.0	3.5	80.9	7626	4836
3×185	8.0	3.6	84.5	8804	5363
3×240	8.0	3.8	89.7	10642	6177
3×300	8.0	3.9	94.6	12277	6697
3×400	8.0	4.1	101.9	15217	10010

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
3×50	8.0	3.2	72.5	6247	5317
3×70	8.0	3.3	76.2	7133	5790
3×95	8.0	3.4	79.8	8152	6385
3×120	8.0	3.5	83.0	9133	6901
3×150	8.0	3.6	87.9	11752	8961
3×185	8.0	3.7	91.5	12692	9251
3×240	8.0	3.9	96.7	14925	10460
3×300	8.0	4.1	102.2	16939	11358
3×400	8.0	4.1	110.0	21028	13587

26/35kV XLPE insualtion copper tape screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
1×50	10.5	2.2	39	1758	1449
1×70	10.5	2.4	41	2038	1604
1×95	10.5	2.4	43	2355	1767
1×120	10.5	2.4	44	2666	1923
1×150	10.5	2.5	46	3031	2103
1×185	10.5	2.5	48	3427	2282
1×240	10.5	2.6	50	4070	2584
1×300	10.5	2.7	53	4748	2891
1×400	10.5	2.8	56	5801	3325
1×500	10.5	2.9	59	6623	4076
1×630	10.5	3	63	8211	4305
3×50	10.5	3.4	81	6728	5778
3×70	10.5	3.5	84	7581	6232
3×95	10.5	3.6	88	8630	6824
3×120	10.5	3.8	93	9688	7406
3×150	10.5	3.9	96	11017	8165
3×185	10.5	4	100	12390	8904
3×240	10.5	4.1	105	14427	9863
3×300	10.5	4.4	108	15940	10270
3×400	10.5	4.5	116	19346	11786

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
3×50	10.5	3.7	87	9975	9025
3×70	10.5	3.8	90	10927	9597
3×95	10.5	3.9	95	12190	10384
3×120	10.5	4	99	13451	11169
3×150	10.5	4.1	100	14907	12055
3×185	10.5	4.2	106	16501	12947
3×240	10.5	4.4	112	18826	13444
3×300	10.5	4.5	115	19114	14264
3×400	10.5	4.5	123	22818	15258

6/10kW(6/6kV)XLPE insulatlon copper wire screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	3.4	1.7	23	1261	1106	1200	1045
1×35	3.4	1.8	24	1371	1159	1307	1095
1×50	3.4	1.8	25	1513	1226	1445	1158
1×70	3.4	1.8	27	1740	1327	1669	1255
1×95	3.4	1.8	28	2020	1444	1943	1367
1×120	3.4	1.8	30	2275	1550	2194	1469
1×150	3.4	1.9	32	2753	1667	2483	1587
1×185	3.4	1.9	34	2945	1825	2850	1730
1×240	3.4	2	36	3536	2062	3428	1955
1×300	3.4	2.1	38	4156	2304	4035	2184
1×400	3.4	2.2	42	5018	2635	4880	2514
1×500	3.4	2.3	45	6094	3061	5940	2905
1×630	3.4	2.4	49	7505	3574	7328	3397
1×800	3.4	2.5	53	9119	4186	8926	3992
3×25	3.4	2.2	45	2956	2317	2808	2170
3×35	3.4	2.3	47	3049	2456	2932	2293
3×50	3.4	2.4	50	3577	2714	3397	2534
3×70	3.4	2.5	54	4348	3103	4147	2901
3×95	3.4	2.7	58	5310	3578	5706	3344

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×120	3.4	2.8	61	6166	3985	5909	3709
3×150	3.4	2.9	64	7112	4415	6832	4135
3×185	3.4	3	68	8348	4979	8041	4671
3×240	3.4	3.2	74	10275	5842	9920	5487
3×300	3.4	3.3	79	12248	6677	11856	6286
3×400	3.4	3.5	86	15085	7966	14627	7508
3×500	3.4	3.7	93	18567	9432	18043	8903
3×630	3.4	4	101	23134	11305	22518	10690
3×800	3.4	4.5	110	28358	13538	27682	12862

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	3.4	1.8	25	1486	1335	1429	1278
1×35	3.4	1.8	26	1609	1399	1549	1339
1×50	3.4	1.8	27	1761	1478	1699	1415
1×70	3.4	1.8	29	2004	1594	1938	1528
1×95	3.4	1.9	31	2311	1742	2237	1667
1×120	3.4	1.9	32	2580	1862	2501	1784
1×150	3.4	2	34	2888	2000	2802	1915
1×185	3.4	2	35	3275	2166	3184	2075
1×240	3.4	2.1	39	4240	2782	4135	2676
1×300	3.4	2.2	42	4897	3065	4780	2984
1×400	3.4	2.3	45	5816	3471	5683	3339
1×500	3.4	2.4	48	6947	3938	6799	3790
1×630	3.4	2.5	52	8346	4542	8269	4374
1×800	3.4	2.6	56	10289	5239	10101	5051

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	3.4	2.6	54	5335	4870	5123	4658
3×35	3.4	2.6	57	5719	5080	5497	4859
3×50	3.4	2.7	59	6345	5483	6104	5242
3×70	3.4	2.8	63	7339	6094	7073	5827
3×95	3.4	2.9	67	8503	6770	8208	6476
3×120	3.4	3.1	71	9580	7400	9250	7069
3×150	3.4	3.2	74	10735	8056	10395	7698
3×185	3.4	3.3	79	13052	9682	12656	9287
3×240	3.4	3.5	85	15395	10962	14945	10512
3×300	3.4	3.7	90	17759	12188	17253	11682
3×400	3.4	3.9	98	21163	14044	20581	12462
3×500	3.4	4.1	107	25169	16036	24511	15376
3×630	3.4	4.4	114	30347	18518	29584	17756
3×800	3.4	4.9	124	36149	21185	35223	20258

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	3.4	2.4	48	3577	3122	3430	2975
3×35	3.4	2.5	50	4009	3378	3848	3217
3×50	3.4	2.6	53	4564	3710	4387	3533
3×70	3.4	2.7	57	5418	4184	5220	3986
3×95	3.4	2.8	61	6416	4702	6197	4483
3×120	3.4	2.9	64	7384	5188	7109	4949
3×150	3.4	3	67	8352	5681	8092	5421
3×185	3.4	3.1	71	9678	6338	9390	6053
3×240	3.4	3.3	77	11710	7329	11390	7001
3×300	3.4	3.5	82	13846	8331	13473	7959
3×400	3.4	3.7	90	17557	10503	17126	10071
3×500	3.4	4.1	97	21738	12378	21221	11861
3×630	3.4	4.4	105	26187	14394	25587	13794
3×800	3.4	4.7	115	32138	17091	31434	16387

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY73
1×25	3.4	1.8	30	1703	1548	1621	1567
1×35	3.4	1.8	31	1819	1607	1735	1523
1×50	3.4	1.9	33	1995	1708	1902	1615
1×70	3.4	1.9	34	2251	1837	2145	1740
1×95	3.4	2	37	2659	2084	2549	1937
1×120	3.4	2.1	39	2960	2235	2839	2114
1×150	3.4	2.1	40	3272	2367	3146	2250
1×185	3.4	2.2	42	3693	2573	3555	2435
1×240	3.4	2.2	44	4231	2848	4175	2702
1×300	3.4	2.3	47	4987	3137	4827	2967
1×400	3.4	2.5	51	6089	3723	5897	3539
1×500	3.4	2.6	54	7252	4217	7040	4004
1×630	3.4	2.7	5B	8773	4842	8536	4605
1×800	3.4	2.9	63	8949	5018	8649	4762

8.7/15 kV(8.7/10kV)XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Steel tape thick mm	Nominal thickness of sheath mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	4.5	1.8	25	1291	1090	1224	1073
1×35	4.5	1.8	26	1406	1142	1334	1125
1×50	4.5	1.8	27	1549	1206	1471	1187
1×70	4.5	1.8	29	1779	1304	1694	1287
1×95	4.5	1.8	30	2060	1418	1966	1400
1×120	4.5	1.9	32	2329	1534	2227	1510
1×150	4.5	1.9	33	2614	1654	2505	1618
1×185	4.5	2	35	2999	1801	2882	1800
1×240	4.5	2.1	38	3592	2034	3416	2050
1×300	4.5	2.1	40	4199	2355	4057	2224
1×400	4.5	2.2	43	5036	2666	4880	2535
1×500	4.5	2.3	46	6110	3111	5936	2933
1×630	4.5	2.4	50	7509	3599	7355	3433
1×800	4.5	2.6	57	9309	4223	9111	4123

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×25	4.5	2.2	45	3040	2587	2850	2395
3×35	4.5	2.3	47	3440	2808	3232	2600
3×50	4.5	2.4	50	3939	3085	3712	2858
3×70	4.5	2.5	54	4725	3492	4474	3204
3×95	4.5	2.7	58	5674	3959	5369	3682
3×120	4.5	2.8	61	6540	4380	6283	4076
3×150	4.5	2.9	64	7495	4824	7168	4498
3×185	4.5	3.0	68	8777	5440	8409	5072
3×240	4.5	3.2	74	10683	6294	10276	5887
3×300	4.5	3.3	79	12703	7189	12242	6729
3×400	4.5	3.5	86	15569	8414	14946	7892
3×500	4.5	3.7	93	19565	10205	18932	9564
3×630	4.5	4.0	101	23767	11974	23042	11249
3×800	4.5	4.5	110	29386	14509	28521	13644

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	4.5	1.8	28	1531	1380	1468	1316
1×35	4.5	1.8	29	1635	1443	1587	1377
1×50	4.5	1.8	30	1805	1521	1736	1452
1×70	4.5	1.9	32	2060	1605	1983	1573
1×95	4.5	1.9	33	2354	1784	2283	1703
1×120	4.5	2.0	35	2635	1916	2545	1827
1×150	4.5	2.0	36	2930	2042	2837	1949
1×185	4.5	2.1	38	3688	2579	3582	2473
1×240	4.5	2.2	42	4322	2863	4204	2754
1×300	4.5	2.3	44	4982	3149	4851	3018
1×400	4.5	2.4	48	5900	3555	5753	3409
1×500	4.5	2.5	51	7055	4047	6891	3883
1×630	4.5	2.6	54	8522	4682	8339	4445
1×800	4.5	2.7	60	10405	5355	10300	5201

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	4.5	2.6	54	5650	5196	5453	4998
3×35	4.5	2.7	57	6171	5540	5957	5326
3×50	4.5	2.8	59	6839	5999	6606	5752
3×70	4.5	2.9	63	7825	6696	7570	6336
3×95	4.5	3.1	67	8997	7288	8708	6993
3×120	4.5	3.2	71	10059	7988	9747	7587
3×150	4.5	3.3	74	12074	9376	11705	9034
3×185	4.5	3.5	79	13611	10275	13230	9893
3×240	4.5	3.6	85	15898	11670	15480	11092
3×300	4.5	3.8	90	18227	13410	17805	12297
3×400	4.5	4.0	98	21493	14997	21005	13912
3×500	4.5	4.5	107	26038	16678	25100	16054
3×630	4.5	4.8	114	31112	19004	30416	18364
3×800	4.5	5.0	124	37054	22540	36723	22156

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	4.5	2.5	53	3975	3520	3772	3317
3×35	4.5	2.6	56	4423	3792	4203	3538
3×50	4.5	2.7	59	5000	4149	4761	3907
3×70	4.5	2.8	62	5875	4641	5608	4375
3×95	4.5	3.0	66	6932	5214	6627	4912
3×120	4.5	3.1	70	7893	5733	7563	5403
3×150	4.5	3.2	72	8911	6242	8556	5885
3×185	4.5	3.3	77	10277	6935	9883	6546
3×240	4.5	3.5	82	12433	7974	11920	7532
3×300	4.5	3.7	89	15368	9864	14863	9345
3×400	4.5	3.9	95	18366	11312	17795	10770
3×500	4.5	4.3	103	22678	13892	21969	12609
3×630	4.5	4.5	111	27106	15343	26340	14574
3×800	4.5	5.0	122	33444	18330	32467	17290

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×25	4.5	2	33	1946	1791	1847	1692
1×35	4.5	2	34	2067	1854	1946	1752
1×50	4.5	2.1	35	2246	1959	2135	1848
1×70	4.5	2.1	37	2518	2104	2401	1987
1×95	4.5	2.2	38	2854	2275	2722	2146
1×120	4.5	2.2	40	3140	2415	3006	2281
1×150	4.5	2.3	41	3476	2580	3331	3434
1×185	4.5	2.4	45	3885	2756	3733	2613
1×240	4.5	2.5	47	4708	3325	4536	3063
1×300	4.5	2.6	49	5401	3549	5212	3361
1×400	4.5	2.7	53	6348	3982	6140	3774
1×500	4.5	2.8	56	7555	4489	7295	4259
1×630	4.5	2.9	60	9061	5130	8806	4874
1×800	4.5	3	65	10791	5874	10496	5579

12/20 KV XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	5.5	1.8	28	1441	1287	1368	1213
1×35	5.5	1.8	29	1559	1347	1483	1270
1×50	5.5	1.8	30	1710	1423	1630	1343
1×70	5.5	1.9	32	1964	1550	1874	1461
1×95	5.5	1.9	33	2257	1681	2162	1585
1×120	5.5	2	35	2539	1814	2435	1710
1×150	5.5	2	36	2834	1937	2725	1829
1×185	5.5	2.1	38	3236	2116	3117	1997
1×240	5.5	2.2	41	3849	2376	3705	2242
1×300	5.5	2.2	43	4470	2619	4328	2447
1×400	5.5	2.4	46	5362	2996	5196	2830
1×500	5.5	2.4	49	6445	3409	6267	3232
1×630	5.5	2.6	53	7907	3976	7699	3768
1×800	5.5	2.8	59	9655	4693	9367	4498

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×25	5.5	2.7	55	3762	3124	3539	2901
3×35	5.5	2.7	57	3908	3269	3676	3037
3×50	5.5	2.8	60	4440	3587	4188	3325
3×70	5.5	2.9	64	5272	4026	4994	3784
3×95	5.5	3.1	68	6270	4573	5964	4232
3×120	5.5	3.1	71	7175	4997	6844	4663
3×150	5.5	3.2	74	8171	5474	7814	5117
3×185	5.5	3.3	77	9466	6098	9079	5710
3×240	5.5	3.5	83	11482	7049	11040	6607
3×300	5.5	3.6	88	13531	7960	13079	7479
3×400	5.5	3.9	95	16423	9304	15862	8743
3×500	5.5	4.1	102	20014	10880	19380	10245
3×630	5.5	4.3	110	24656	12828	23999	12110
3×800	5.5	4.6	120	30184	15388	29345	14595

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	5.5	1.8	28	2110	1955	2011	1856
1×35	5.5	1.8	29	2250	2038	2148	1936
1×50	5.5	1.8	30	2445	2158	2333	2046
1×70	5.5	1.9	32	2722	2308	2605	2191
1×95	5.5	1.9	33	3072	2497	2944	2368
1×120	5.5	2	35	3372	2647	3238	2513
1×150	5.5	2	36	3718	2822	3573	2677
1×185	5.5	2.1	38	4144	3024	3992	2872
1×240	5.5	2.2	42	4838	3365	4670	3168
1×300	5.5	2.3	44	5533	3682	5379	3497
1×400	5.5	2.4	48	6500	4234	6295	3929
1×500	5.5	2.5	51	7683	4647	7458	4451
1×630	5.5	2.6	54	9238	5307	8979	5056
1×800	55	2.7	60	10997	6079	10708	5809

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	5.5	2.8	64	6607	6142	6325	5860
3×35	5.5	2.9	67	7015	6377	6724	6085
3×50	5.5	3	69	7720	6857	7405	6524
3×70	5.5	3.2	73	8807	7561	8451	7205
3×95	5.5	3.3	77	10001	8269	9614	7882
3×120	5.5	3.4	81	12000	9799	11577	9396
3×150	5.5	3.5	84	13254	10557	12800	10101
3×185	5.5	3.7	89	14822	11453	14320	10990
3×240	5.5	3.8	95	17212	12779	16663	12230
3×300	5.5	4	100	19717	14147	19107	13536
3×400	5.5	4.2	108	23006	15887	22322	15203
3×500	5.5	4.4	117	27173	18038	26407	17272
3×630	5.5	4.7	124	32564	20687	31637	19808
3×800	5.5	5.1	134	38444	23455	37378	22422

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	5.5	2.9	63	5449	4984	5175	4710
3×35	5.5	2.9	66	5912	5237	5629	4990
3×50	5.5	3	69	6571	5709	6265	5408
3×70	5.5	3.2	72	7597	6352	7250	6005
3×95	5.5	3.3	76	8731	6998	8353	6621
3×120	5.5	3.4	80	9786	7602	9382	7199
3×150	5.5	3.5	82	10936	8239	10479	7802
3×185	5.5	3.7	87	12411	9042	11927	8557
3×240	5.5	3.8	92	14630	10198	14099	9666
3×300	5.5	4	99	16999	11379	16359	10788
3×400	5.5	4.2	105	20077	12970	19462	12307
3×500	5.5	4.5	113	23999	14863	23254	14199
3×630	5.5	4.7	121	29108	17279	28252	16423
3×800	5.5	5.2	132	35244	20292	34239	19283

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×25	5.5	2	35	2049	1849	1943	1788
1×35	5.5	2	36	2173	1960	2064	1852
1×50	5.5	2.1	37	2345	2171	2239	1955
1×70	5.5	2.1	39	2634	2221	2511	2097
1×95	5.5	2.2	41	2975	2399	2839	2236
1×120	5.5	2.2	43	3268	2544	3138	2403
1×150	5.5	2.3	44	3611	2714	3458	2562
1×185	5.5	2.3	46	4244	2905	3866	2747
1×240	5.5	2.4	50	4859	3386	4679	3206
1×300	5.5	2.5	52	5560	3709	5364	3512
1×400	5.5	2.6	55	6519	4254	6303	3937
1×500	5.5	2.7	58	7706	4672	7469	4433
1×630	5.5	2.8	62	9285	5327	8944	5063
1×800	5.5	2.9	67	11006	6088	10700	5888

18/30KV XLPE insulation copper wire screen powser cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×50	8	2	35	2018	1731	1913	1626
1×70	8	2.1	37	2290	1876	2174	1760
1×95	8	2.1	39	2600	2021	2478	1902
1×120	8	2.2	40	2898	2173	2765	2040
1×150	8	2.2	45	3206	2310	3068	2172
1×185	8	2.3	44	3628	2508	3477	2357
1×240	8	2.3	46	4246	2773	4086	2613
1×300	8	2.4	49	4909	3058	4734	2882
1×400	8	2.5	52	5809	3443	5615	3250
1×500	8	2.6	55	6949	3911	6732	3696
1×630	8	2.7	59	8421	4490	8182	4251
1×800	8	2.7	63	10112	5195	9855	4938
3×50	8	3.1	70	5634	4771	5297	4435
3×70	8	3.2	74	6524	5279	6160	4914

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×95	8	3.4	78	7629	5897	7221	5488
3×120	8	3.5	81	8595	6414	8157	5978
3×150	8	3.6	84	9651	6954	9183	6488
3×185	8	3.7	87	11020	7650	10417	7147
3×240	8	3.9	93	13140	8707	12576	8134
3×300	8	4	98	15291	9720	14682	9111
3×400	8	4.2	105	18250	11131	17569	10450
3×500	8	4.4	112	21970	12836	21220	12075
3×630	8	4.7	120	26825	14997	25945	14125
3×800	8	5.2	130	32664	17863	21618	16822

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×50	8	2.2	42	3232	2945	3093	2806
1×70	8	2.3	44	3560	3147	3408	2994
1×95	8	2.3	46	3926	3335	3767	3192
1×120	8	2.4	48	4298	3574	4128	3402
1×150	8	2.5	49	4676	3780	4492	3595
1×185	8	2.5	51	5136	4016	4944	3824
1×240	8	2.6	54	5886	4413	5676	4202
1×300	8	2.7	56	6628	4777	6400	4549
1×400	8	2.8	59	7659	5293	7408	5042
1×500	8	2.9	62	8999	5817	8666	5597
1×630	8	3	67	10540	6607	10237	6308
1×800	8	3.3	71	12485	7567	12129	7211

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×50	8	3.5	83	10570	9708	10133	9270
3×70	8	3.6	87	11726	10480	11254	10258
3×95	8	3.7	91	13027	11249	12520	10780
3×120	8	3.8	95	14255	12077	13715	11535
3×150	8	3.9	98	15579	12287	15004	12307
3×185	8	4.1	102	17228	13873	16599	13230
3×240	8	4.2	107	19728	15229	19408	14615
3×300	8	4.4	113	22353	16727	21560	16033
3×400	8	4.6	119	25824	18353	24996	17850
3×500	8	4.8	127	31254	20824	29210	20094
3×630	8	5.1	135	35607	23687	34562	22374
3×800	8	5.5	145	41543	26481	40160	25648

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×50	8	3.5	79	8299	7436	7883	7020
3×70	8	3.6	82	9360	8115	8911	7666
3×95	8	3.7	86	10569	8837	10100	8353
3×120	8	3.8	90	11693	9513	11176	8996
3×150	8	3.9	92	12999	10214	12360	9667
3×185	8	4.1	97	1449	11098	13863	10494
3×240	8	4.2	102	16796	12363	16141	11708
3×300	8	4.4	109	19237	13666	18564	12997
3×400	8	4.6	115	22494	15375	21693	14579
3×500	8	4.8	123	26607	17473	25735	16580
3×630	8	5.1	131	31889	20045	30832	19009
3×800	8	5.5	142	38028	23233	36846	22056

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×50	8	2.2	42	2751	2464	2609	2322
1×70	8	2.3	44	3060	2650	2909	2495
1×95	8	2.3	46	3426	2826	3241	2665
1×120	8	2.4	48	3892	3167	3713	2988
1×150	8	2.5	49	4266	3364	4069	3172
1×185	8	2.5	51	4702	3583	4504	3384
1×240	8	2.6	54	5426	3953	5208	3735
1×300	8	2.7	56	6158	4307	5916	4065
1×400	8	2.8	59	7149	4780	6887	4521
1×500	8	2.9	62	8359	5318	8076	5036
1×630	8	3	67	9599	6027	9649	5718
1×800	8	3.3	71	11690	6772	11259	6444

18/30kV XLPE insulation Corrugated Al sheath power cable

Nominal cross-sectional area of conductor (mm²)	Nominal thickness of insulatlon mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJLW ₀₂	YJLLW ₀₂	YJLW ₀₃	YJLLW ₀₃
1×50	8	2.7	54	3059	2772	2838	2551
1×70	8	2.8	56	3382	2968	3149	2736
1×95	8	2.8	58	3764	3188	3518	2942
1×120	8	2.9	59	4103	3379	2847	3122
1×150	8	2.9	61	4472	3576	4204	3308
1×185	8	3	63	4974	3828	4666	3546
1×240	8	3.1	65	5670	4197	5639	3895
1×300	8	3.1	67	6409	4557	6088	4237
1×400	8	3.2	71	7411	5045	7066	4700
1×500	8	3.4	74	8663	5627	8290	5254
1×630	8	3.5	77	10271	6340	9864	5933
1×800	8	3.6	83	12222	7251	11770	6800

Civil Household Wires

Photovoltaic cable

Communication Cables

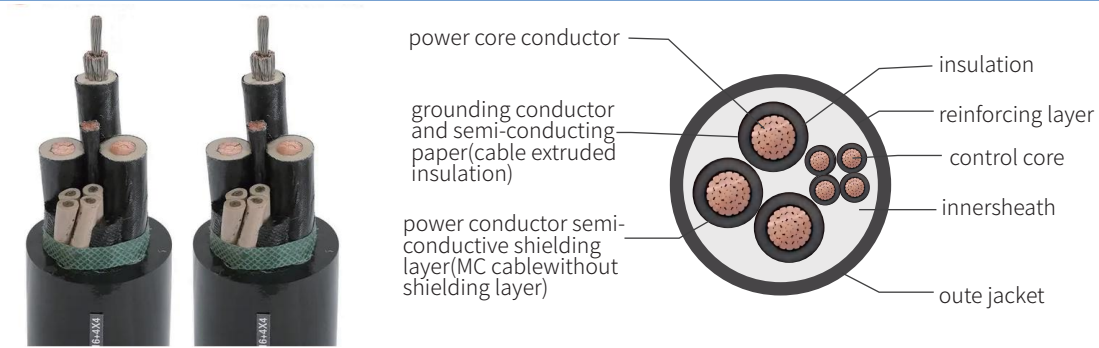
Control Cables

Power Cables

Specialty Cables

Other Cables

Coal mining machine flexible cable



Product Description

MT818.2-2009<Mine Cable part 2:Coal winningmachine flexiblecable
Rated voltage 1.9/3.3kvand below

Working Condition

Rated Voltage Uo/U is0.38/0.66kV,0.66/1.14kVand 1.9/3.3kV respectively.
Max.working temperature of cable conductor is65°C.
The bending radlus of cable should be no less than6tmes of lts extenal dlameter.
Theearth wire should be at good condition.

Type	Name	Properties
MC-0.38/0.66	Rubber Flexcible Cable for Coal Winning Machine	Wires for connecting coal winning machine and the similar equipments of rated voltage 0.38/0.66KV.
MCP-0.38/0.66	Screened Rubber Flexible Cable for Coal Winning Machine	Wires for connecting coal winning machine and the similar equipments of rated voltage 0.38/0.66kV.
MCP-0.66/1.14	SCreened Rubber Flexible Cable for Coal Winning Machine	Wires for connecting coal winning machine and the similare quipmentswhose rated voltage is 0.66/1.14kV.
MCP-1.9/3.3	Screened Rubber Flexible Cable for CoalWinngng Machine	Wires for connecting coalwinning machine and the similar equipments of rated voltage 1.9/3.3kV.

APPLICATIONS

The product is applicable to coal winning machine and thesimillar equipments of Rated voltage 1.9/3.3kv and below.

Cable dimenslons of rated voltage 0.38/0.66kV

Core×Conductor Nom.Area mm ²		Nom.Thickness mm		Overall Diameter mm	
Power core	Earth wire	Power core insulation	Jacket	MC-0.38/0.66	MCP-0.38/0.66
3×16	1×4	1.6	4.5	29.5–34.5	33.0–38.0
3×25	1×6	1.8	5.5	36.0–41.0	39.0–45.0
3×35	1×6	1.8	5.5	39.0–45.0	42.5–48.5
3×50	1×10	2.0	5.5	44.0–50.5	47.5–54.5
3×70	1×16	2.0	6.0	50.0–57.5	53.0–60.5
3×95	1×25	2.2	6.0	56.0–63.5	59.5–67.0
3×120	1×25	2.4	6.0	60.5–68.5	63.5–72.0

Dimenslons ofcable ratedvoltage0.66/1.14kV

Core×Conductor Nom.Area mm ²			Nom.Thickness mm			Overall Diameter mm	
Power core	Earth wire		Power core Insulation	Jacket		MCP-0.66/1.14	
	ModelA	Model B		ModelA	Model B	ModelA	Model B
3×25	1×6	–	2.0	6.0	–	41.0–47.0	–
3×35	1×6	3×10/3	2.0	6.0	7.0	44.0–51.0	53.0–58.5
3×50	1×10	3×16/3	22	7.0	7.5	51.5–59.0	60.0–67.0
3×70	1×16	3×25/3	2.2	7.0	7.5	56.0–63.5	65.0–72.0
3×95	1×25	3×25/3	2.4	7.0	7.5	62.0–70.5	70.0–73.0
3×120	1×25	3×35/3	2.6	7.0	7.5	66.5–75.5	75.0–82.0
3×150	1×35	3×50/3	26	7.0	7.5	71.5–80.5	77.5–86.0

Dimerslons of cable rated voltage 1.9/3.3kV

Core×Conductor Nom.Area mm ²			Nom.Thickness mm			Overall Diameter mm	
Power core	Earth wire		Power core insulation	Jacket		MCP-0.66/1.14	
	ModelA	Model B		ModelA	Model B	ModelA	Model B
3×25	1×10	–	2.8	6.0	–	44.5–51.0	–
3×35	1×10	3×10/3	2.8	6.0	7.0	48.0–54.5	59.0–64.0
3×50	1×16	3×25/3	2.8	7.0	7.5	54.0–61.5	63.0–69.0
3×70	1×25	3×35/3	3.0	7.0	7.5	60.0–67.0	68.0–75.0
3×95	1×25	3×35/3	3.0	7.0	7.5	65.0–72.5	69.0–78.0
3×120	1×35	3×50/3	3.2	7.0	7.5	69.5–77.5	74.0–84.5
3×150	1×35	3×50/3	3.2	7.0	7.5	74.0–82.5	78.5–88.0

Conductor DC Resistanceat20°C

Conductor Nom.Area mm ²	Max.DC resistance at20°C Ω /km	Conductor Nom. Area mm ²	Max.DC resistance at 20°C Ω /km
2.5	8.21	35	0.565
4	5.09	50	0.393
6	3.39	70	0.277
10	1.95	95	0.21
16	1.24	120	0.164
25	0.795	150	0.132

Insulation Resistance at 20°C

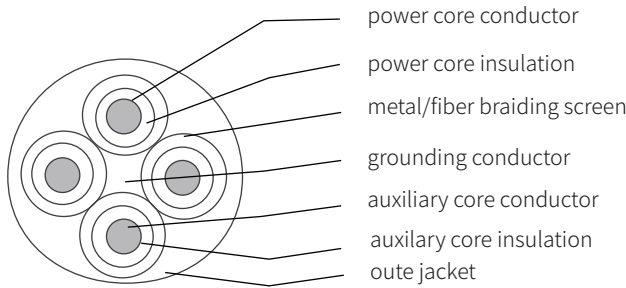
Core Type	Nom.Area mm ²	Min insulation resistance at20°C Ω /km	
		Rated voltage up to 0.66/1.14kV	Rated voltage 1./3.3kV
Power core	16	350	–
	25	300	450
	35	250	400
	50	250	350
	70	200	300
	95	200	250
	120	200	250
	150	180	250
Control core	2.5/4/6/10	100	100

Power Frequency Test

Cable isolatedpowercore could endure power frequency test specified by the following table and hasno breakdown.

U0/U Rated Voltage (kV)	Test Voltage (Virtual Value)(kV)	Duration(min)
0.38/0.66	3.0	5
0.66/1.14	3.7	
1.9/3.3	6.8	

Metal Screened Flexible Cable for Coal Winning Machine of Rated Voltage 1.9/3.3kV and below



MCPTJ-0.66/1.14 MCPTJ-1.9/3.3

Type	N a m e	Properties
MCPT-0.66/1.14	Metal screened flexble rubber Cable for coal winning machine	Wires forconnecting coal winning machine and the simila equipments of rated voltage 0.66/1.14kV
MCPTJ-0.66/1.14	Metal screened flexible rubber Cable for coal winning machine	
MCPT-1.9/3.3	Metalscreened flexible rubber Cable for coal winning machine	Wires for connecting coalwinning machine andthe similar equipments of ratedvoltage 1.9/3.3kV
MCPTJ-1.9/3.3	Metalscreenedflexible rubber Cable for coal winning machine	

Dimensions of cable rated voltage 0.66/1.14kV

Core×Conductor Nom.Area mm ²			Nom.Thickness mm		Overall Diameter mm	Max.Parallel DC Resistance between earth wire and shield at 20°C Q/km
Power core	Earth wire	Control core	Power core insulation	Jacket	MCPT-0.66/1.14	
3×25	1×16	3×4	1.5	5	39.7-42.9	0.56
3×35	1×16	3×4	1.6	5	43.1-46.3	0.54
3×50	1×25	3×4	1.7	5.3	48.5-51.8	0.44
3×70	1×35	3×6	1.8	5.8	55.1-58.8	0.3
3×95	1×50	3×6	2	6.4	62.4-66.1	0.26
3×120	1×50	3×10	2.2	6.9	68.0-72.5	0.24
3×150	1×70	3×10	2.4	7.3	74.5-79.5	0.23

Dimensions of cable rated voltage 0.66/1.14kV

Core×Conductor Nom.Aea mm ²			Nom.Thickness mm		Overall Diameter mm	Max.Parallel DC Resistance between earth wire and shield at 20°C Ω /km
Power core	Earth wire	Auxliarycore	Power core Insulation	Jacket	MCPTJ-0.66/1.14	
3×16	1×16	1×16	1.5	5.0	35.8-38.6	0.66
3×25	1×16	1×16	1.5	5.0	39.7-42.9	0.56
3×35	1×16	1×16	1.6	5.0	43.1-46.3	0.54
3×50	1×25	1×25	1.7	5.3	48.5-51.8	0.44
3×70	1×35	1×35	1.8	5.8	55.1-58.8	0.30
3×95	1×50	1×50	2.0	6.4	62.4-66.1	0.26
3×120	1×50	1×50	2.2	6.9	68.0-72.5	0.24
3×150	1×70	1×70	2.4	7.3	74.5-79.5	0.23

Dimenslons of cable rated voltage 1.9/3.3kV

Core×Conductor Nom.Aea mm ²			Nom.Thickness mm		OverallDia meter mm	Max.Parallel DC Resistance between earth wire and shield at 20°C Ω /km
Power core	Earth wire	Control core	Power core insulation	Jacket	MCPT-1.9/3.3	
3×25	1×16	3×4	3.0	5.1	47.7-49.9	0.50
3×35	1×16	3×4	3.0	5.5	51.6-54.6	0.50
3×50	1×35	3×4	3.0	5.9	56.8-59.8	0.35
3×70	1×50	3×6	3.0	6.4	62.8-65.8	0.35
3×95	1×50	3×6	3.0	6.9	68.9-72.7	0.28
3×120	1×70	3×10	3.0	7.3	73.4-77.2	0.28
3×150	1×70	3×10	3.0	7.8	79.0-83.6	0.25

Dimensions of cable rated voltage 1.9/3.3kV

Core×Conductor Nom.Area mm ²			Nom.Thickness mm		Overall Diameter mm	Max.Parallel DC Resistance between earth wire and shield at 20°C Ω /km
Power core	Earth wire	Control core	Power core insulation	Jacket	MCPTJ-1.9/3.3	
3×25	1×16	3×4	3.0	5.1	47.7-49.9	0.50
3×35	1×16	3×4	3.0	5.5	51.6-54.6	0.50
3×50	1×35	3×4	3.0	5.9	56.8-59.8	0.35
3×70	1×50	3×6	3.0	6.4	62.8-65.8	0.35
3×95	1×50	3×6	3.0	6.9	68.9-72.7	0.28
3×120	1×70	3×10	3.0	7.3	73.4-77.2	0.28
3×150	1×70	3×10	3.0	7.8	79.0-83.6	0.25

Conductor DC Rosistance at 20°C

Conductor Nom.Area mm²	Max.DC resistance at 20°CQ/km	Concuctor Nom. Area mm²	Max.DC resistance at 20°C Ω /km
2. 5	8. 21	35	0. 565
4	5. 09	50	0. 393
6	3. 39	70	0. 277
10	1. 95	95	0. 210
16	1. 24	120	0. 164
25	0. 795	150	0. 132

Insulation Resistance at 20°C

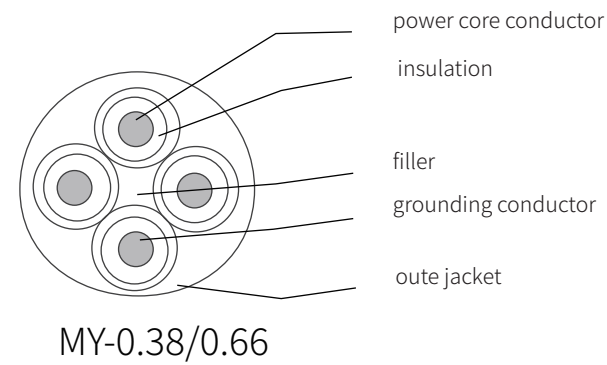
Core Type	Nom.Area mm²	Min.insulation resistance at 20°Cn/km	
		Rated Voltage up to 0.66/1.14kV	Rated voltage 1.9/3.3KV
Power core	16	350	1150
	25	300	980
	35	260	850
	50	230	740
	70	210	630
	95	200	550
	120	200	510
	150	180	450
Controlcore	04/6/10	100	100

Power Frequency Test

Cable lsolated power core could endure power frequency test specified by the following table and has no breakdown:

UO/U Rated Voltage (KV)	Test voltage (Vitual value)(kM)	Duration(min)
0. 38/0. 56	3. 0	5
0. 66/114	3. 7	
1. 9/3. 3	6. 8	

Mobile Flexible Cable of Rated Voltage 0.66/1.14kV And Below



Type	Name	Properties
MY-0. 38/0. 66	Moblle flexible rubber Cable for coalmine	Wires for connecting various undermine mobile coal minng equipments of rated voltage 0.38/0.66kv
MYP-0. 38/0. 66	Mobile flexible screened rubbercable for coal mine	
MYP-0. 6/1. 14	Mobile flexible screened rubber cable for coal mine	Wres for connecting various undermine moble coal mining equipments of rated voltage 0.66/1.14kv

Dimensions of cable rated voltage 0.38/0.66kV

Core×Conductor Nom.Area mm²	Nom.Thickness mm		Overall Diameter mm
	Power core insulation	Jacket	MY_0.38/0.66
1×4	1. 4	1. 5	8. 0-10. 0
1×6	1. 4	1. 6	9. 0-12. 0
1×10	1. 6	1. 8	11. 0-14. 0
1×16	1. 6	1. 9	12. 0-15. 0
1×25	1. 8	2. 0	14. 0-17. 5
1×35	1. 8	2. 2	16. 0-19. 5
1×50	2. 0	2. 4	18. 5-22. 5
1×70	2. 0	2. 6	21. 0-25. 0
1×95	2. 2	2. 8	23. 5-28. 5
1×120	2. 2	3. 0	25. 5-29. 5
1×150	2. 4	3. 2	28. 0-33. 0
1×185	2. 4	3. 4	30. 5-35. 5
1×240	2. 6	3. 5	34. 0-39. 5
1×300	2. 6	3. 6	37. 0-43. 0
1×400	2. 8	3. 8	42. 0-48. 0

Dimensions of cable rated voltage 0.38/0.66kV

Core×Conductor Nom.Area mm²		Nom.Thickness mm		Overall Diameter mm	
Power core	Earth wire	Power core insulation	Jacket	MY-0.38/0.66	MYP_0.38/0.66
3×4	1×4	1.4	3.5	19.0-22.5	22.0-26.5
3×6	1×6	1.4	3.5	21.0-25.5	24.0-29.0
3×10	1×10	1.6	4.0	25.0-30.0	28.0-32.5
3×16	1×10	1.6	4.0	27.5-32.0	30.5-35.5
3×25	1×16	1.8	4.5	32.5-37.5	35.5-41.0
3×35	1×16	1.8	4.5	35.5-41.0	38.5-44.5
3×50	1×16	2.0	5.0	41.5-47.5	44.5-51.0
3×70	1×25	2.0	5.0	46.0-53.0	49.0-56.0
3×95	1×25	2.2	5.5	52.5-59.5	55.5-63.0
3×120	1×35	2.2	5.5	56.0-63.5	59.0-67.0
3×150	1×50	2.4	6.0	62.5-70.5	65.5-74.0

Dimensions of cable rated voltage 0.66/1.14kV

Core×Conductor Nom.Area mm²		Nom.Thickness mm		Overall Diameter mm
Power core	Earth wire	Power core insulation	Jacket	MYP-0.38/0.66
3×10	1×10	1.8	4.5	30.0-35.0
3×16	1×10	1.8	4.5	32.5-37.5
3×25	1×16	2.0	5.0	37.5-43.0
3×35	1×16	2.0	5.0	40.5-46.5
3×50	1×16	2.2	5.5	46.5-53.0
3×70	1×25	2.2	5.5	51.0-58.0
3×95	1×25	2.4	6.0	57.5-65.0
3×120	1×35	2.4	6.0	61.0-69.0
3×150	1×50	2.6	6.0	66.5-75.0

ConductorDC resistance at 20°C

Conductor Nom.Area mm²	Max.DC reslstance at20°C Ω /km	Conductor Nom. Area mm²	Max.DC reslstance at20°C Ω /km
4	5.09	95	0.210
6	3.39	120	0.164
10	1.95	150	0.132
16	1.24	185	0.108
25	0.795	240	0.0817
35	0.565	300	0.0654
50	0.393	400	0.0495
70	0.277	—	—

ConductorDC resistance at 20°C

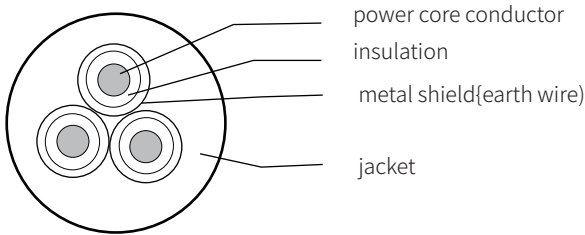
Power Core Nom.Area mm²	Min.Insulation Resistance at20C Ω /km	Power Core Nom.Area mm²	Min.Insulation Resistance at20°C Q/km
4	600	95	200
6	450	120	200
10	400	150	180
16	350	185	180
25	300	240	160
35	250	300	140
50	250	400	140
70	200	—	—

Power Frequency Test

Cable isolatedpower core could endure power frequency tes specified by the following table and hasno breakdown:

U _o /U Rated Voltage(kV)	Test Voltage(Virtual Value)(kV)	Duration(min)
0.38/0.66	3.0	5
0.66/1.14	3.7	

Screened Mobile Flexible Cable of Rated Voltage 1.9/3.3kV And Below



Type	Name	Properties
MYPT-1.9/3.3	Metal Screened Mobile Flexible Rubber Cable for Coal Mine	Wires for connecting various undermine mobile coal mining equipments of rated voltage 1.9/3.3kV

Dimenslons of cable rated voltage1.9/3.3kV

Core×Conductor Nom.Area mm²		Nom.Thickness mm		Overall Diameter mm
Power core	Earth wire	Power core insulation	Jacket	MCP-0.3B/0.66
3×35	3×16/3	2.8	6.0	47.0-54.0
3×50	3×16/3	2.8	6.0	50.5-57.5
3×70	3×25/3	3.0	6.0	56.0-63.5
3×95	3×35/3	3.0	6.0	60.5-67.5
3×120	3×35/3	3.2	6.0	64.5-72.0
3×150	3×50/3	3.2	6.0	68.5-76.5

Conductor DC Rosistance at 20℃

Conductor Nom.Area mm²	Max.DC resistance at20℃0/km	Conductor Nom. Area mm²	Max DC resistance at20℃Ω /km
35	0. 565	95	0. 210
50	0. 393	120	0. 164
70	0. 277	150	0. 132

Insulation Resistance at20℃

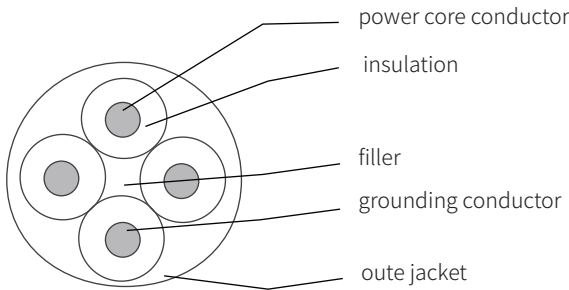
Power Core Nom.Area mm²	Min.Insulation Resistance at20℃ Q/km	Power Core Nom.Area mm²	Min.Insulation Resistance at20℃ Q/km
35	500	95	350
50	400	120	300
70	400	150	300

Power Frequency Test

Cable isolatedpower core could endure power frequency tes specified by the following table and hasno breakdown:

U ₀ /U Rated Voltage(kV)	Test Voltage(Virtual Value)(kV)	Duration(min)
1. 9/3. 3	6. 8	5

Drill Cable for Coa Mine of Rated Voltage 0.3/0.5kV



Type	N a m e	Properties
MZ-0. 3/5	Drill Rubber Cable for Coal Mine	Wiresfor connecting undermine drill switch of rated voltage 0.3/0.5kVand below
MZP-0. 3/5	Screened Drill Rubber Cable for Coal Mine	

Dimensions of cable rated voltage0.3/0.5kV

Core×Conductor Nom.Area mm²			Conductor No./ single Wire Nom Diameter mm	Nom.Thickness mm		Overall Diameter mm	
Power core	Earth wire	control core		Power core Insulation	Jacket	MCP -0.38/0.66	MCP -0.38/0.66
3×2. 5	1×2. 5	—	77/0. 20	1. 0	3. 5	16. 5-19. 5	19. 5-23. 0
3×4	1×4	—	126/0. 20	1. 0	3. 5	17. 5-21. 5	21. 0-24. 5
3×2. 5	1×2. 5	1×2. 5	77/0. 20	1. 0	3. 5	17. 5-21. 0	21. 0-24. 5
3×4	1×4	1×4	126/0. 20	1. 0	3. 5	19. 0-23. 0	22. 5-26. 5

Conductor DC resistance &insulationresistanceat20℃

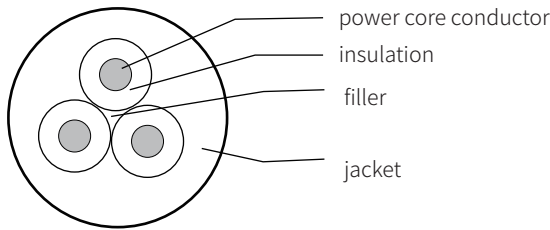
Conductor Nom.Area mm²	Max.DC resistance at 20℃Ω /km	Min.insulation resistance at 20℃Ω /km
2. 5	8. 82	350
4	5. 39	300

Power Frequency Test

Cable isolatedpower core could endure power frequency tes specified by the following table and hasno breakdown:

U ₀ /U Rated Voltage (kV)	TestVoltage(VirtualValue)(kV)	Duration(min)
0. 3/0. 5	2. 0	5

Drill Cable for Coa Mine of Rated Voltage 0.3/0.5kV



Type	Name	Properties
MYQ-0.3/5	Mobile Light Flexible Rubber Cable for Coal Mine	Wires for connecting switches of undermine lighting, convey interlocking and signal controlling equipment

Cable Dimension Parameters

Core×Conductor Nom.Area mm²	Nom.Thickness mm		overall Diameter mm	Core×Conductor Nom.Area mm³	Nom Thickness mm		Overall Diameter mm
	Power core insulation	Jacket			Power core insulation	Jacket	
2×1.0	0.6	1.5	7.5-10.0	4×2.5	1.0	2.0	13.5-16.5
2×1.5	0.8	1.5	9.0-11.5	7×1.0	0.6	1.5	10.5-13.0
2×2.5	1.0	1.5	10.5-13.5	7×1.5	0.8	2.0	13.0-16.5
3×1.0	0.6	1.5	8.4-10.5	7×2.5	1.0	2.0	15.5-19.0
3×1.5	0.8	1.5	9.5-12.0	12×1.0	0.6	2.0	14.0-17.5
3×2.5	1.0	1.5	11.5-13.5	12×1.5	0.8	2.5	18.0-21.5
4×1.0	0.6	1.5	9.0-11.0	12×2.5	1.0	2.5	21.0-25.5
4×1.5	0.8	1.5	10.5-13.0				

Conductor DC resistance & insulation resistance at 20°C

Conductor Nom.Area mm²	Max.DC resistance at 20°C Ω /km	Min.insulation resistance at 20°C Ω/km
1.0	20.0	650
1.5	13.7	650
2.5	8.21	650

Power Frequency Test

Cable isolated power core could endure power frequency tes specified by the following table and hasno breakdown:

U0/U Rated Voltage (kV)	TestVoltage (Virtual Value)(kM)	Duration(min)
0.3/0.5	2.0	5

XLPE Power Cable for Coal Mine of Rated Voltage 8.7/10kV And Below

Type	Name
MYJV	Copper CoreXLPE Insulation PVCSheath Power Cable for CoalMine
MYJV22	Copper Core XLPE Insulation PVC Sheath steel Tape Armored Power Cable for Coal Mine
MYJV32	Copper Core XLPEInsulation PVC Sheath Steel WireArmored PowerCable forCoal Mine
MYJV42	Copper Core XLPE Insulation PVC Sheath Thick Steel WireAmored Power Cable forCoal Mine

Production Range

Type	Core No.	Ratedvoltage(KV)			
		0.6/1	1.8/3	3.6/6、6/6	6/10、8.7/10
		Nom.Area(mm²)			
MYJV	3	1.5-300	10-300	25-300	25-300
MYJV22	3	2.5-300	10-300	25-300	25-300
MYJV32	3	16-300	16-300	25-300	25-300
MYJV42	3	50-300	50-300	50-300	50-300
MYJV	3+1	4-300	4-300	-	-
MYJV22	3+1	4-300	4-300	-	-
MYJV	4	4-185	4-185	-	-
MYJV22	4	4-185	4-185	-	-

Max.conductor DC resistance at 20°C should meet the requirementon classB conductor specified by GB/T3956

Conductor Nom.Area mm²	Max.DC resistance at 20°C Ω /km	Conductor Nom. Area mm²	Max.DCresistance at 20°C Ω /km
1.5	12.1	50	0.387
2.5	7.41	70	0.268
4	4.61	95	0.193
6	3.08	120	0.153
10	1.83	150	0.124
16	1.15	185	0.0991
25	0.727	240	0.0754
35	0.524	300	0.0601

Power Frequency Test

Ratedvoltage kv	0.6/1	1.8/3	3.6/6	6/6、6/10	8.7/10
Experimental voltagekV	3.5	6.5	12.5	21	30.5
Test conditions	Test Conditions:Underambient temperature with duration 5min				
Test requirements	Test Requirement:Insulation has no breakdown.				

Partial Discharge Capacity

Totest partial discharge capacity under voltage 1.73 U0, and the value should not be higher than:

Ratedvoltage kv	3.6/6	6/6、6/10	8.7/10
Partial Discharge pc	10		

Civil Household Wires

Photovoltaic cable

Communication Cables

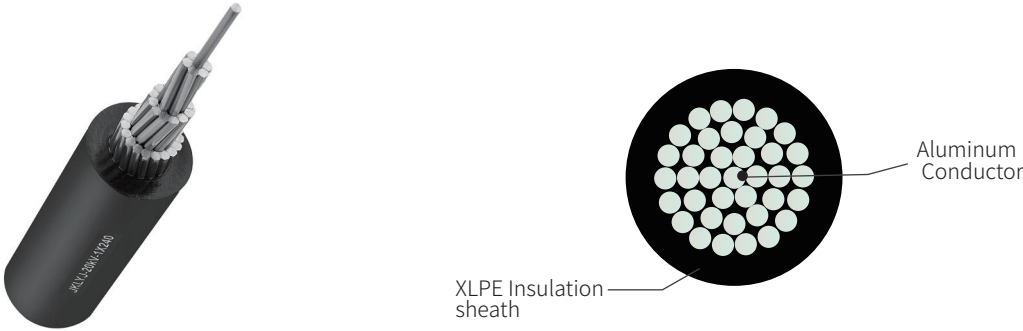
Control Cables

Power Cables

Specialty Cables

Other Cables

Aerial cable



Working Condition

Rated voltage U : 1kv
long-term permissible working temperature of cable conductor: Pvc and PE insulated cables can' t exceed70°C,and XLPE insulated cable shall not exceed 90°C.
The layout temperature of cable shall not be lower than -20°C.
Permissible bending radius of cable: The cable whose O.D. is shorten than 25mm, its radlus shall not beless than 4D; the cable whose O.D. is 25mm or more than ,its radius shall not be less than 6D.

Model	Name	Main usage
JKV-1kV	Copper-core PVCinsulated aerial cable of rated voltage 1kV	Overhead fix-ed layout andwirec onductin g, etc.
JKLV-1kV	Aluminum-core PVC insulated aerial cable of rated voltage 1kV	
JKLHV-1kV	Aluminum alloy core PVC insulated aerial cable of rated voltage 1kV	
JKY-1kV	Copper-core PE insulated aerial cable of rated voltage 1kV	
JKLY-1kV	Aluminum-core PE insulated aerial cable of rated voltage 1kV	
JKLHY-1kV	Aluminum alloy core PEinsulated aerial cable of rated voltage 1kV	
JKYJ-1kV	Copper-core YJV insulated aerial cable of rated voltage 1kV	
JKLYJ-1kV	Aluminum-core YJVinsulated aerial cable of rated voltage 1kV	
JKLHYJ-1kV	Aluminum alloy core YJV insulated aerial cable of rated voltage 1kV	

APPLICATIONS

This is a kind of climate bearable PVC ,PE and XLPE insulated aerial cables of copper core, luminum core of alumi-num alloy core, suitable for overhead power line of AC rated voltage 1kV and below.

Aerial insulated Cables Of Rated Voltage Up To And Including 1kV

Normal section (mm)	Min.wire No.Of conductor	Outer dia (reference) mm	Insulation thickness mm	Averagedia. ofsinglecore mm	Conductor resistance at 20°C(a/km)				Min,insulation resistance in rated operation temperature	
					hard conductor	soft conductor	Al conductor	Al alloy	70°C	90°C
10	6	3.8	1.0	6.5	1.906	1.830	3.080	3.574	0.0067	0.67
16	6	4.8	1.2	8.0	1.198	1.150	1.910	2.217	0.0065	0.65
25	6	6.0	1.2	9.4	0.749	0.727	1.200	1.939	0.0054	0.54
35	6	7.0	1.4	11.0	0.540	0.524	0.868	1.007	0.0054	0.54
50	6	8.4	1.4	12.3	0.399	0.387	0.641	0.744	0.0046	0.46
70	12	10.0	1.4	14.1	0.276	0.268	0.443	0.514	0.0040	0.40
95	15	11.6	1.6	16.5	0.199	0.193	0.320	0.371	0.0039	0.39
120	18	13.0	1.6	18.1	0.158	0.153	0.253	0.294	0.0035	0.35
150	18	14.6	1.8	20.2	0.128	-	0.206	0.239	0.0035	0.35
185	30	16.2	2.0	22.5	0.1021	-	0.164	0.190	0.0035	0.35
240	34	18.4	2.2	25.6	0.0777	-	0.125	0.145	0.0034	0.34

10kV XLPE Insulation Aerial Cable

Model	Name	Main usage
JKYJ	Copper XLPE insulation aerial cable	Soft copper-core is used to leadwire out for transform when overhead, fix and lay down the cable.To extend cable, it shall be takeninto consideration to keep a certaindistance between cable and tree,it is permitted to havefrequent contacts between cable and tree whencable is in operation
JKTRYJ	Flexible copper XLPE insulation aerial cable	
JKLYJ	AluminumXLPE insulation aerial cable	
JKLHYJ	Aluminum alloy XLPE insulation aerial cable	
JKY	Copper PE insulation aerial cable	
JKTRY	Flexible copper PE insulation aerial cable	

Model	Name	Main usage
JKLY	Aluminum PE insulation aerial cable	For aerial fixed installation.To keep certain distance between cable and treewhen to set up the cables.Only short time contacts can be permitted when opera-tion.
JKLHY	Aluminum alloy PE insulation aerial cable	
JKLYJ/B	Aluminum beige XLPE insulation aerial cable	
JKLHYJ/B	Aluminum alloy beige XLPE insulation aerial cable	
JKLYJ/Q	Light Aluminum core XLPE insulation aerial cable	
JKLHYJ/Q	LightAluminum alloy XLPEinsulation aerial cable	
JKLY/Q	Light Aluminum core PE insulation aerial cable	
JKLHY/Q	Light Aluminum alloy PE insulation aerial cable	

Normal section (mm²)	Outer dia (reference) mm	Inner shield thickness mm	Insulaton thickness mm		Average dia mm		Average dia MMConductor resistance at 20°c(g/km) Not less than			
			Thin insulation	Common insulation	Light	Common	Hard conductor	Soft conductor	Al conductor	Al alloy
10	3.8	0.6	-	3.4	-	11.8	1.906	1.830	3.080	3.574
16	4.8	0.6	-	3.4	-	12.8	1.198	1.150	1.910	2.217
25	6.0	0.6	2.5	3.4	11.0	14.0	0.749	0.727	1.200	1.930
35	7.0	0.6	2.5	3.4	12.0	15.0	0.540	0.524	0.868	1.007
50	8.3	0.6	2.5	3.4	13.3	16.3	0.399	0.387	0.641	0.744
70	10.0	0.6	2.5	3.4	15.0	19.0	0.276	0.268	0.443	0.514
95	11.6	0.7	2.5	3.4	16.6	19.8	0.199	0.193	0.320	0.371
120	13.0	0.7	2.5	3.4	18.0	21.2	0.158	0.153	0.253	0.294
150	14.6	0.7	2.5	3.4	19.6	22.8	0.128	-	0.206	0.239
185	16.2	0.7	2.5	3.4	21.2	24.4	0.1021	-	0.164	0.190
240	18.4	0.7	2.5	3.4	23.4	26.6	0.0777	-	0.125	0.145
300	20.6	0.7	2.5	3.4	25.6	28.8	0.0619	-	0.100	0.116
400	23.8	0.7	2.5	3.4	28.8	42.0	0.0484	-	0.00778	0.0904

10kV Steel Core Aluminium XLPE insulated Aerial Cable

Model	Section aluminium/steel	Name	Main usage
JKLGYJ-10	10/2-500/65	10KV steel core aluminium XLPE insulated aerial cable	It is application to fix and lay down 10KV overhead powerline.To extend cables,it shall be taken into consideration to keepa certain distance between cable and tree.And it is permitted to have frequent contacts between cable and tree while the cable is in operation.

Norminal section aluimium/ steel	Structure pair no./diameter		Out diameter reference	Inner shield thickness mm	Thickness mm	Outer diameter	Conductor resistance at 20°C	Reference weight
	Aluinium	steel						
10/2	6/1.50	1/1.50	4.28	1.0	3.4	13.1	0.7060	159
16/3	6/1.85	1/1.83	5.27	1.0	3.4	14.1	1.7790	194
25/4	6/2.32	1/2.32	6.60	1.0	3.4	15.4	1.1310	270
35/6	6/2.72	1/2.72	7.75	1.0	3.4	16.6	0.8230	304
50/8	6/3.20	1/3.20	9.12	1.0	3.4	17.9	0.5496	375
50/30	12/2.32	7/2.32	11.02	1.0	3.4	19.8	0.5692	577
70/10	6/3.80	1/3.80	10.83	1.0	3.4	19.6	0.4217	477
70/40	12/2.72	7/2.72	12.92	1.0	3.4	21.7	0.4141	741
95/15	26/2.15	7/1.67	12.93	1.0	3.4	21.7	0.3058	611
95/20	7/4.16	7/1.85	13.18	1.0	3.4	22.0	0.3019	644
95/55	12/3.20	7/3.20	15.20	1.0	3.4	24.0	0.2992	969
120/7	18/2.90	1/2.90	13.78	1.0	3.4	22.6	0.2422	622
120/20	26/2.38	7/1.85	14.32	1.0	3.4	23.1	0.2496	716
120/25	7/4.72	7/2.10	14.95	1.0	3.4	23.8	0.2345	787
120/70	12/3.20	7/3.20	17.10	1.0	3.4	25.9	0.2360	1182
150/8	18/3.20	1/3.20	15.20	1.0	3.4	24.0	0.1989	723
150/20	24/2.78	7/1.85	15.84	1.0	3.4	24.6	0.1980	817
150/25	26/2.70	7/2.10	16.25	1.0	3.4	25.1	0.1939	878
150/35	30/2.50	7/2.50	16.63	1.0	3.4	25.4	0.1962	962
185/10	18/3.60	1/3.60	17.10	1.0	3.4	25.9	0.1572	870
185/25	24/3.15	7/2.10	17.96	1.0	3.4	26.8	0.1542	1006
185/30	26/2.98	7/2.32	17.94	1.0	3.4	26.7	0.1592	1029
185/45	30/2.80	7/2.80	18.62	1.0	3.4	27.4	0.1564	1154

Normal section aluimium/ steel	Structure pair no./diameter		Out diameter reference	Inner shield mm	Thickness mm	Outer diameter	Conductor resistance at 20°C	Reference weight
	Aluinium	steel						
210/10	18/3.90	1/3.80	18.05	1.0	3.4	26.9	0.1411	952
210/25	24/3.33	7/2.22	18.98	1.0	3.4	27.8	0.1380	1101
210/35	26/3.22	7/2.50	19.36	1.0	3.4	28.2	0.1363	1172
210/50	30/2.98	7/2.98	19.82	1.0	3.4	28.6	0.1381	1283
240/30	24/3.60	7/2.40	20.52	1.0	3.4	29.3	0.1181	1253
240/40	26/3.42	7/2.66	20.58	1.0	3.4	29.4	0.1209	1298
240/55	30/3.20	7/3.20	21.28	1.0	3.4	30.1	0.1198	1451
300/15	42/3.00	7/1.67	21.86	1.0	3.4	30.7	0.0972	1292
300/20	45/2.93	7/1.95	23.21	1.0	3.4	32.0	0.0952	1369
300/25	48/2.85	7/2.22	22.57	1.0	3.4	31.4	0.0943	1419
300/40	24/3.99	7/2.66	22.74	1.0	3.4	31.5	0.0961	1493
300/50	26/3.83	7/2.98	23.05	1.0	3.4	31.9	0.0946	1580
300/70	30/3.60	7/3.60	23.94	1.0	3.4	32.7	0.0964	1778
400/20	42/3.51	7/1.96	25.56	1	3.4	34.4	0.071	1678
400/25	45/3.33	7/2.22	25.31	1	3.4	34.1	0.0737	1690
400/35	48/3.22	7/2.50	25.48	1	3.4	34.3	0.0739	1748
400/50	54/3.07	7/3.07	26.25	1	3.4	35.1	0.0723	1922
400/65	26/4.42	7/3.44	26.6	1	3.4	35.4	0.0724	2024
400/95	30/4.16	19/2.5	27.68	1	3.4	36.5	0.0709	2298
500/35	45/3.75	7/2.50	28.5	1	3.4	37.3	0.0581	2080
500/45	48/3.60	7/2.80	28.5	1	3.4	37.3	0.0591	2126
500/65	54/3.44	7/3.44	29.41	1	3.4	38.2	0.0576	2347

Civil Household Wires

Photovoltaic cable

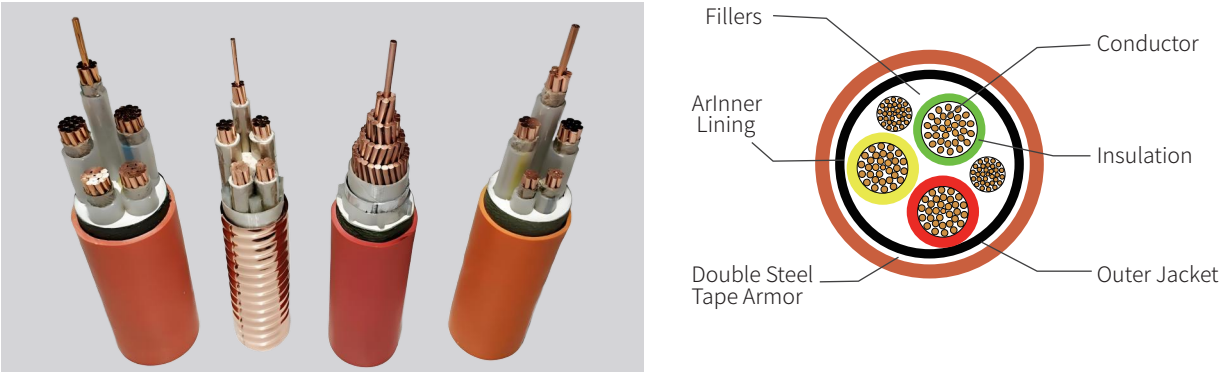
Communication Cables

Control Cables

Power Cables

Specialty Cables

Fire-resistant power cable



Product Description

Low-smoke Free-halogen Flame-Retardancy Fire-resistant Cable

APPLICATIONS

The cable is suitable for fixed laying line of power transmission and distribution at rated voltage of 0.6/1kV. In addition to operation in normal situation the cable is cable to keep up current transmission for certain period of time in case of the flame of fire. Permissible max. Operating temperature of cable conductor should not exceed 70°C. Cable conductor temperature of short circuit temperature within 5s max. Duration should not exceed 160°C.

Model	Description
NH-VV	Copper core PVC insulation PVC sheathed fire-resistant power cable
NH-YJV	XLPE insulation PV sheathed fire-resistant power cable
NH-VV ₂₂	Copper core PVC insulation steel tape armoured PVC sheathed fire-resistant power cable
NH-YJV ₂₂	XLPE insulation steel tape armoured PVC sheathed fire-resistant power cable

Recommendations for installation

Cable and ambient temperature should be above 0°C and have been so for the previous 24h. Minimum installation radius should not be smaller than;
for single core cables: $30(D+d)$
for multicore cables: $22.5(D+d)$
where: D = actual external diameter of the cable.
d = actual diameter of the conductor.

Fire-resistant cable technology data sheet

Specifications Number of core × Nominal cross section	Constructin Number of wire/ diameter	Nominal Thickness of Fire- resistance Insulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Ω /km	kg/km	A
1 × 10	7/1.38	0.5	1	1.8	11	1.83	186	77.2
1 × 16	7/1.76	0.5	1	1.8	12	1.15	254	102.7
1 × 25	7/2.24	0.5	1.2	1.8	13.8	0.727	361	136.7
1 × 35	7/2.55	0.5	1.2	1.8	14.8	0.524	468	164.3
1 × 50	4/1.76+8/2.55	0.5	14	1.8	16.4	0.387	639	199.3
1 × 70	14/2.55	0.5	1.4	1.8	18.2	0.268	846	250.1
1 × 95	19/2.55	0.5	1.6	1.8	20.2	0.193	1120	302
1 × 120	4/1.76+22/2.55	0.5	1.8	1.8	21.6	0.153	1365	353.9
1 × 150	30/2.55	0.5	1.8	1.8	23.6	0.124	1691	407.2
1 × 185	37/2.55	0.5	2	1.8	25.6	0.0991	2063	462.7
1 × 240	48/2.55	0.5	2.2	1.9	28.4	0.0754	2634	554.4

Specifications Number of core × Nominal cross section	Construction Number of wire/ diameter	Nominal Thickness of Fire- resistance Insulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Ω /km	kg/km	A
2 × 10	7/1.38	0.5	1	1.8	19.6	1.83	487	59.6
2 × 16	7/1.76	0.5	1	1.8	21.6	1.15	645	77.4
2 × 25	7/2.24	0.5	1.2	1.8	25.2	0.727	907	99.4
2 × 35	7/2.55	0.5	1.2	1.8	27.2	0.524	1157	119.1
2 × 50	4/1.76+8/2.55	0.5	1.4	1.9	30.6	0.387	1552	140.4
2 × 70	14/2.55	0.5	1.4	2.1	34.6	0.268	2056	168.7
2 × 95	19/2.55	0.5	1.6	2.2	38.8	0.193	2701	203.5
2 × 120	4/1.76+22/2.55	0.5	1.8	2.3	41.8	0.153	3280	227
2 × 150	30/2.55	0.5	1.8	2.4	46	0.124	4029	255.9

Specifications Number of core × Nomina l cross section	Construction Number of wire/ diameter	NNominal Thickness of Fire- resistance Insulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Q/km	kg/km	A
3 × 10	7/1.38	0.5	1	1.8	20.8	1.83	617	52.3
3 × 16	7/1.76	0.5	1	1.8	22.9	1.15	831	69.1
3 × 25	7/2.24	0.5	1.2	18	26.8	0.727	1195	89.3
3 × 35	7/2.55	0.5	1.2	1.9	29.2	0.524	1557	107.4
3 × 50	4/1.76+8/2.55	0.5	1.4	2	32.8	0.387	2105	128.8
3 × 70	14/2.55	0.5	1.4	2.1	36.9	0.268	2813	158.1
3 × 95	19/2.55	0.5	1.6	2.3	41.7	0.193	3696	191.7
3 × 120	4/1.76+22/2.55	0.5	1.8	2.4	44.9	0.153	4506	200.5
3 × 150	30/2.55	0.5	1.8	2.6	49.6	0.124	5580	249.3
3 × 185	37/2.55	0.5	2	2.7	51.4	0.0991	6787	283.7
3 × 240	48/2.55	0.5	2.2	2.9	60.1	0.0754	8655	331.6

Specifications Number of core × Nominal cross section	Construction Number of wire/ diameter	Nominal Thickness of Fire- resistance nsulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Ω /km	kg/km	A
4 × 10	7/1.38	0.5	1	1.8	22.7	1.83	773	53.9
4 × 16	7/1.76	0.5	1	1.8	25.1	1.15	1059	69
4 × 25	7/2.24	0.5	1.2	1.9	29.4	0.727	1528	90.4
4 × 35	7/2.55	0.5	1.2	2	32.2	0.524	1997	110.6
4 × 50	4/1.76+8/2.55	0.5	1.4	2.1	36.3	0.387	2721	131
4 × 70	14/2.55	0.5	1.4	2.3	41	0.268	3630	161.4
4 × 95	19/2.55	0.5	1.6	2.4	46.1	0.193	4808	196.1
4 × 120	4/1.76+22/2.55	0.5	1.8	2.6	49.9	0.153	5864	225.8
4 × 150	30/2.55	0.5	1.8	2.7	54.9	0.124	7223	255.1
4 × 185	37/2.55	0.5	2	2.9	60.1	0.0991	8825	290.5
4 × 240	48/2.55	0.5	2.2	3.1	66.8	0.0754	11255	338.8

Specifications Number of core × Nomina l cross section	Construction Number of wire/ diameter	NominalTh icknessof Fire- resistance Insulation	Nominal Thickness of PVCInsula tion	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Q/km	kg/km	A
3 × 16+2 × 10	7/1.7071.35	0.5 0.5	1.01.0	1.8	26.5	1.151.83	1163	714
3 × 25+2 × 16	7/2.247/1.70	0.5	1.21.0	1.9	30.9	0.7271.15	1662	91.2
3 × 35+2 × 16	72.557/1.70	0.5	1.21.0	1.9	32.7	0.5241.15	2016	110.4
3 × 50+2 × 25	4/1.76+7/2. 5572.55	0.5	1.41.2	2.2	37.7	0.3870.727	2802	131.7
3 × 70+2 × 35	14/2.5572.55	0.5	1.41.2	2.4	42.1	0.2680.524	3714	162.2
3 × 95+2 × 50	19/2.554/1.76 +8/2.55	0.5	1.61.4	2.5	47.4	0.1930.387	4944	197.7
3 × 120+2 × 70	4/1.76+22/2. 554/1.76+8/2. 55	0.5	1.61.4	2.6	51.8	0.1530.387	6216	223
3 × 150+2 × 70	30/2.5514/2. 55	0.5	1.81.4	2.7	55.3	0.1240.268	7263	262
3 × 185+2 × 95	37/2.5519/2. 55	0.5	201.6	2.9	61.2	0.09910.193	9015	290.6

Specifications Number of core × Nomin al cross section	Construction Number of wire/ diameter	Nominal Thickness of Fire- resistance Insulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Q/km	kg/km	A
3 × 16+1 × 10	71.7071.35	0.5	1.0 1.0	1.8	24.5	1.151.83	993	69.5
3 × 25+1 × 16	772.2471.70	0.5	1.2 1.0	1.9	28.2	0.7271.15	1418	89.6
3 × 35+1 × 16	7/2.5571.70	0.5	1.2 1.0	1.9	30.5	0.524115	1770	109
3 × 50+1 × 25	4/1.76+7/2. 5572.55	0.5	141.2	2.1	34.7	0.3870.727	2430	129.5
3 × 70+1 × 35	14/2.5572. 55	0.5	1.4 1.2	2.2	38.9	0.2680.524	3230	160.8
3 × 95+1 × 50	19/2554/L.76 +8/2.55	0.5	1.6 1.4	2.4	43.9	0.1930.387	4301	193.9
3 × 120+1 × 50	4/1.76+22/2. 554/1.76+8/2. .55	0.5	1.6 1.4	2.5	47.8	0.1530.387	5321	224
3 × 150+1 × 70	30/2.5514/ 255	0.5	18 1.4	2.6	51.8	0.1240.268	6355	251.9
3 × 185+1 × 120	37/2.55192. 55	0.5	2.0 1.6	2.8	57.2	0.09910.193	7685	287.1
3 × 240+1 × 120	48/2.554/1. 76+22/2.55	L 0.50	2.2 1.6	3	63	0.07540.153	9960	334.4

Specifications Number of core × Nomina l cross section	Construction Number of wire/ diameter	Nominal Thickness of Fire- resistance Insulation	Nominal Thickness of PVCInsula tion	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan ce of Conductorat 20°C	Approx. welght	Loading Current Layingin alr
N × mm ²	N/mm	mm	mm	mm	mm	Q/km	kg/km	A
4 × 16+1 × 10	7/1.707/1.35	0.50	1.01.0	1.8	27.2	1.151.83	1234	71.2
4 × 25+1 × 16	7/2.247/L.70	0.50	1.21.0	2.0	32.1	0.7271.15	1791	92.3
4 × 35+1 × 16	7/2.557/1.70	0.50	1.21.0	2.1	34.4	0.5241.15	2260	111.5
4 × 50+1 × 25	4/1.76+7/2. 55 7/2. 55	0.50	1.41.2	2.2	39.1	0.3870.727	3088	132.1
4 × 70+1 × 35	14/2.557/2. 55	0.50	1.41.2	2.4	44.0	0.2680.524	4138	164.0
4 × 95+1 × 50	19/2.554/1. 76+8/2.55	0.50	1.61.4	2.6	49.6	0.1930.387	5481	199.2
4 × 120+1 × 70	4/1.76+22/2. 554/1.76+8/2. .55	0.50	1.61.4	2.7	53.9	0.1530.387	6764	229.6
4 × 150+1 × 70	30/2.5514/2. 55	0.50	1.81.4	2.8	58.4	0.1240.268	8190	268.0
4 × 185+1 × 95	37/2.5519/2. 55	0.50	2.01.6	3.0	64.3	0.09910.193	110033	305.0

Specifications Number of core × Nomina l cross section	Construction Number of wire/ diameter	Nominal Thickness of Fire- resistance In sulation	Nominal Thickness of PVC Insulation	Nominal Thickness of Sheath	Approx. overall diameter	Maxresistan -ce of Conductor at 20°C	Approx. welght	Loading Current Laying in air
N × mm ²	N/mm	mm	mm	mm	mm	9/km	kg/km	A
5 × 10	7/1.35	0.5	1	1.8	24.8	1.83	945	54.5
5 × 16	7/1.70	0.5	1	1.8	27.5	1.15	1301	71.9
5 × 25	7/2.24	0.5	1.2	2	32.7	0.727	1900	93.1
5 × 35	7/2.55	0.5	1.2	2.1	35.6	0.524	2484	112.5
5 × 50	4/1.76+8/2.55	0.5	14	2.3	40.4	0.387	3395	133.7
5 × 70	14/2.55	0.5	14	2.4	45.4	0.268	4514	165.3
5 × 95	19/2.55	0.5	1.6	2.6	51.2	0.193	5976	200.8
5 × 120	4/1.76+22/2.55	0.5	1.8	2.7	55.2	0.153	7294	231.1
5 × 150	30/2.55	0.5	1.8	2.9	61	0.124	9037	269.9
5 × 185	37/2.55	0.5	2	3.1	66.8	0.0991	11029	307.4

Electrical factor of cable

Operating temperature 70°C	Air temperature °C									
	5	10	15	20	25	30	35	40	45	50
	1.47	1.41	1.35	1.39	1.22	1.15	1.08	1.00	0.91	0.81

2.Low-smoke free-halogen flame-retardancy
Fire-resistant wires and cables

halogen or with little halogen when combustion. It can extremely reduce the damage to the instruments, equipment and body as the fire occurred. So, it was widely used to the crowded public concourses such as high-rise building, large sized library, gymnasium, commanding & controlling building for guard against blast, station, civil airfield, passenger waiting room, emphasizes cultural relic, subway, underground shop, etc.

The using property of the rated voltage under 35KV plastics insulated cable and wire developed by our company, comply with the requirement of GB/T12706-2020, GB/T5023-2008 and GB/T9330-2020, DJ 08-93-2002. Meanwhile, its low-smoke and free halogen property comply with the standard of GB/T17650.1.2-2020, GB/T17651.1.2-2021. By the national technique inquiry, this type of products reach to domestic advanced level. Low-halogen flame-retardancy wire cables.

Frequency number	Model	Name	Flame retardancy Grade
1	WDZYJ(F)E	irradlated)XLPE insuatedlow-smoke free-halogen flame retardancy polyolefin sheathed powercables	A B C
	WDZ-YJ(F)LE		
	WDZ-YJ(F)Y		
	WDZ-YJ(F)LY		
	WDZYJ(F)E23	(irradiated)XLPE insuated steel tape armored low-smoke free-halo gen flame retardancy polyolefin sheathed powercables	
	WDZYJ(F)LE23		
	WDZ-YJ(F)Y23		
	WDZ-YJ(F)LY23		
	WDZYJ(F)E33	(Irradiated)XLPE insulated steel thread armored low-moke free-halogen flame retardancy polyolefinsheathed power cables	
	WDZ-YJ(F)E33		
	WDZYJ(F)Y33		
	WDZYJ (F)LY33		
	WDZYJ(F)Y43		

requency number	Model	Name	Flame retardancy Grade
2	WDZ-KYJ(F)E WDZ-KYJ(F)Y	(rradiated)XLPEInsulated low-smoke free-halogen flame retardancy polyolefinsheathedcontrolcables	A B C
	WDZ-KYJ(F)E23 WDZ-KYJ(F)Y23	Irradiated)XLPE insulated steel tape armored low-smoke free-halo-gen flame retardancy polyolefin sheathed controlcables	
	WDZ-KYJ(FEP WDZ-KYJ(FYP	(Irradiated)XLPE Insulated copper thread mesh screened low-smoke free-halogen flame retardancy polyolefin sheathed control cables	
	WDZ-KYJ(FEP2 WDZ-KYJ(FYP2	Irraiated)XLPE Insulated copper tape screened low-smoke free-haogenflameretardancypolyolefin sheathed controlcables	
3	WDZ-KYJ(F)E33 WDZ-KYJ(FjY33	Irradiated)XLPE insulated steel thread armored low-smoke free-halo gen flame retardancypolyolefin sheathed control cables	B C D
	WDZ-BYJ(F WDZ-BLYJ(F) WDZ-BY WDZ-BLY	(Irradiated)cross-linked type/non-cross-linked typelow-smoke free-halogen flame-retardancy polyolefin insulated electric wires	
	WDZ-BYJ(FJE WDZ-BLYJ(FJE WDZ-BYE WDZ-BLYE	(Irradiated)cross-linked type/non-cross-linked typelow-smoke free-halogen flame-retardancy polyolefin insulatedlow-smokefree-halogen flame-retardancy polyolefin sheath electric wires	
	WDZ-BYJ(F)R WDZ-BYR	(Irradiated)Cross-linked type/non-cross-linked typelow-smoke free-halogen flame-retardancy polyolefin insulated flexible electric wires	
4	WDZN-YJFJE WDZN-YJ(FjY	Copper core (irradiated)XLPE insulated low-smoke free-halogen flame-retarancy polyolefin fire resistance power cables	A B C
	WDZN-YJCFJE23 WDZNYJ(FjY23	Coppercore (Irradiated)XLPE insulated steel tape armored low-smoke free-halogenflame-retarancy polyolefin fire resistance power cables	

requency number	Model	Name	Flame retardancy Grade
5	WDZNYJ(F)E33 WDZNYJ(FY33 WDZNYJ(FE43 WDZNYJ(F)Y43	Coppercore(Irradiated)XLPE Insulated steel thread armored low-smoke free -halogen flame-retarancy polyolefinfire resistance power cables	A B C
	WDZN-KYJ(F)E WDZN-KYJ(FjY	Copper core (Irradated)XLPE insulated low-smoke free-halogenflame-retarancy polyolefin fire resistance control cables	
	WDZN-KYJ(F)E23 WDZN-KYJ(F)Y23	Coppercore(Irradiated)XLPE insulated steel tape armored low-smoke free-halogen flame-retarancy polyolefin fire resistancecontrol cables	
	WDZN-KYJ(F)EP WDZN-KYJ(F)YP	Coppercore(Irradiated)XLPEinsulatedcopper thread mesh screened low-smoke free-halogen flame-retarancy polyolefin fire resistancecontrol cables	
	WDZN-KYJ(FJEP2 WDZN-KYJ(FjYP2	Coppercore(Irradiated)XLPE insulated coppertape screened low-smoke free-halogen flame-retarancy polyolefin fire resistance control cables	
	WDZN-KYJ(F)E33 WDZN-KYJ(FjY33	Coppercore(Irradiated)XLPEinsulatedsteel thread armored low-smoke free-halogenflame-retarancy pcyolefin fire resistance control cables	
6	WDZN-BYJ(F) WDZN-BY	(Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefininsulated fire resistance electric wires	B C D
	WDZN-BYJ(F)E WDZN-EY	(Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated low-smoke free-halogen flame-retardancy polyolefinsheath fireresistance electric wires	
	WDZN-BYJ(F)R WDZN-BYR	(Irradiated)cross-linked type/non-crosslinkedtype low-smoke free-halogen flame-retardancy polyolefin insulated low-smoke free-halogen fame-retardancy polyoletin sheath fire resistance flexible electric wires	

3、Grade and choose for the using location

Low-smoke free-low-halogen typesdivides into four kinds:specialclass,first class,second class,third class,according to the using property,fire damage and evacuation &extinguishment difficulty.Meanwhile it also complies with requirement ofthe table.

Grade	Using place	
Special class	The high-rise resistance bulking with structural height exceeded 100mlexcept super high-rise uptown)	
	Thehigh_rlse resistance with structural height under 100m	
First cass	The high-rise civil building with height under 100m	Firsttype building (except the resistance zone)
	The civil building with height under24m and single?floor public bulding with height under 24m	1、 Sickroom building with 200-bed or above,clinic building with each structuralarea floor of 1000m2 or above. 2、 Shopping building,exhibition building senior hotel,financlal building communication building,senior office building with each sructural area floor of 3000m of above. 3、 Library withmore than 1million books. 4、 Gymnasium with morethan 3000seats. 5、 Important research buildingor archives building. 6、 Ciil post building 7、 Emphases cultural relic. 8、 Large-sized cinema,show place,auditorium and hall. 9、 Public entertainment place withstrucural area more than200m
	Under ground civi building	1、 Subway and its station. 2、 Under ground cinemaand hall; 3、 Under ground shop,hospital,exhibition hall and other commercial or public place with using area more than 1000m? 4、 Important lab,library,and muniment room.

Grade	Using place	
Special class	The high-rise resistance bulking with structural height exceeded 100mlexcept super high-rise uptown)	
	Thehigh_rlse resistance with structural height under 100m	
Second class	The civil building with structural area not more than 24m	Residence of the first type building Second type bulding(except theresidence)
	Thecivilbuilding with structural area not more than 24m	1、 Business building,fincial building,communication building,exhibition building,hotel,office building,station,ocean/rive shipping station airport and other commercial or publicplaces with each floor structural area from 2000m²to 3000m². 2、 Postbuilding,broadcast &TVbuilding,electrical power control center,commanding &controlling building for guard against blast in district orcounty. 3、 Undermedium-sizedcinema and showplace. 4、 Lab,lbrary and muniment room; 5、 Publicentertainment place with structural area under 200m
	Under ground civil building	1、 Tunnel with length more than 500m. 2、 Under ground shop,hospital,hotel ,exhibition hall and other commercial or public place with usingarea not more than 1000m².
Third class	Theothercivil buildng that not belong to special first and second class.	

When they are laylng in colligation,the low-smoke,free-low-halogen wires andcables should be flame-retardancytotypes whose grades comply with the next table If the location needs integratedlines and constant eectricity under the outside fire,theyshould be fire resistance types.

The grade choice to the flame retardancy property of electrical wres

Applicableplace	Section area	FLame-retardancy grade
Specialclass	50mm²and above	B class
	35mm²and under	C class
First class	50mm²and above	Cclass
	35mm²and under	D class
Secondclass,third class	All area	Dclass

The grade choice to the flame retardancy property of electrical wres

Appllicable place	Flame-retardancy grade
Special class	A class
First class	B class
Second class,third class	C class

4、Technical property

- 1)、Themaxlimum temperature of the normal operating cable conductor orshort circuit(should not persist for 5seconds):70°C forlow-smoke low-halogen PVCinsulated typeas normal operation , and not more than 160°Cas shortcircuit;90°Cfor XLPE insulated type thermoplastic low-smoke free-halogen polyolefin insulated type,and not more than 250°C as short circuit.
- 2)、The installation conditions and allowable constant carrying capacity of the low-smoke free-halogen cables are as same as the corresponding non-low-smoke free-halogen ones.
- 3)、The cables have the properties of low smoke,free halogen,flame retardancy and fire resistance.The detail soes Table.

Sequence number	Testing item	Standard requlrement (free-halogen)
1	-Single vertical combustion testing for wires andcables thedistance from the skirt of upper bracket to charcoal part -the dlanstance from combution prolongation to the skirt ofupper bracket	≥50mm ≤540mm
2	Cable colllgated combution testing-the helght of charcoal part	≤2.5mm
3	Fire resistance testing	Astesting,bear rated voltage and the 3A fuse willnot be melted
4	PHvalue	≥4.3
5	Conductor	≤10 μ s/mm
6	Smoke density testing-minimum light-pass rate	660%

