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AIPU WATON ELECTRONIC TECHNOLOGY(GROUP) CO.,LTD.

WIRE&CABLE



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GROUP INTRODUCTION

Aipu Waton group is a high-tech enterprise, manufacture of Extra Low Voltage Cable, Instrumentation Cable, Optic Fiber Cable, Generic Cabling System and IP Video Surveillance System for International market, jointly invested by Waton International (Hong Kong) Investment Co.,Ltd. and Shanghai Aipu Electronic wire & cable system Co.,Ltd., was founded in 1992. Our headquarters is located at No.4888 Hunan Road, Pudong New District, Shanghai, China.

Through years of development, Aipu Waton has become a comprehensive high-tech enterprise integrated with manufacture, research & development, sales and service, which achieves management capital over 200 Million RMB, factory area 80000m2, employees about 3000(including R&D staff more than 200). Our market and service network cover almost all large and medium-sized cities in China.

Extra-low voltage cable, instrumentation cable, optic fiber cable and Generic cabling system are our main products, which are widely used in many industries, including: urban construction, real estate, telecommunications, Broadcasting & Television, industrial enterprises & mines, banking, transportation, public security, electric power and stationery and trading etc. With our reliable quality and perfect service, we have been awarded well-known reputation, like "Top 10 National Brands in China Security Industry", "Top 10 Enterprises in China Security Industry", "Shanghai Famous Brand" and "Shanghai Enterprise Star" etc. We are sole or appointed supplier for a number of national key projects, such as Beijing Olympics Stadiums, China Safety City Project, Shanghai World Financial Center, Daya Bay Nuclear Power Station and Armed Police Force Three Echelons Network Application etc.

Being the leading enterprise in the industry, awarded as the vice-director unit of China Security and Protection Industry Association, Aipu Waton is committed to creating international famous brand as our responsibility. We keep expanding the production capability and renovating technology and improving service, management and company culture so as to provide high performance-price ratio products to all of our customers.

Aipu Waton has maintained excellent and long-term relationship with thousands of customers and makes full efforts to achieve mutual development with them.

Aipu Waton, your reliable partner.

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Featured Cable:

- 1) CCTV Siamese Cable & CCTV Combo Cable,
- 2) Coax CCTV Cable, HD CCTV Cable,
- 3) Cat.5e, Cat.6 Cable, Cat.6A, Cat.7 cable,
- 4) Fire Alarm Cable & Fire Resistant Cable,
- 5) Security & Alarm Cable,
- 6) Access Control Cable,
- 7) Power Cable,
- 8) Data Control Cable,
- 9) Video Door Phone Cable,
- 10) Video Conference Cable,
- 11) Voice Broadcasting Cable,
- 12) Microphone & Loudspeaker Cable,
- 13) Lighting Control Cable,
- 14) Building Electricity Supply Cable,
- 15) BUS Cable for BMS,
- 16)Instrumentation Cable,
- 17)Fiber Optic Cable Indoor,
- 18)Fiber Optic Cable Outdoor,



CONTENTS

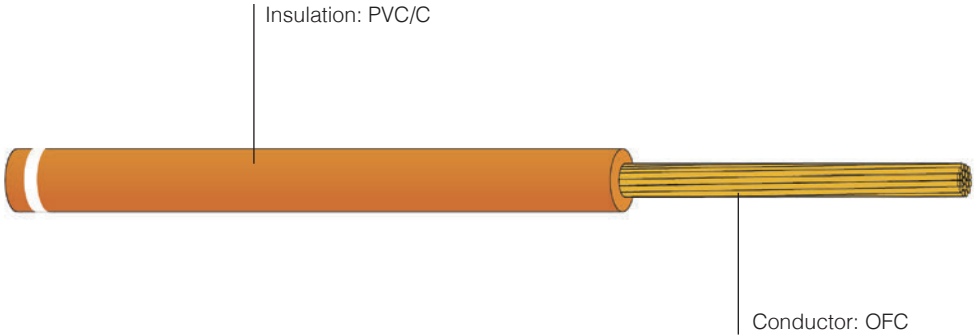
1	Electric Cable
33	Security Cable
36	Coaxial Cable
48	AV Cable
71	Communication Cable
75	Elevator Cable
79	Railway Signal Cable
81	LSZH Cable
89	Composite Cable
91	Special Purpose Cable
99	Data Cable
136	Fiber Optic Cable



01

Electric Cable
& Signal Cable

BVR Semi-rigid Copper Conductor Non-sheathed Cable for Internal Wiring



Standards

Reference Standard: JB/T8734.2-2012
Rated Voltage:450/750V



Applications

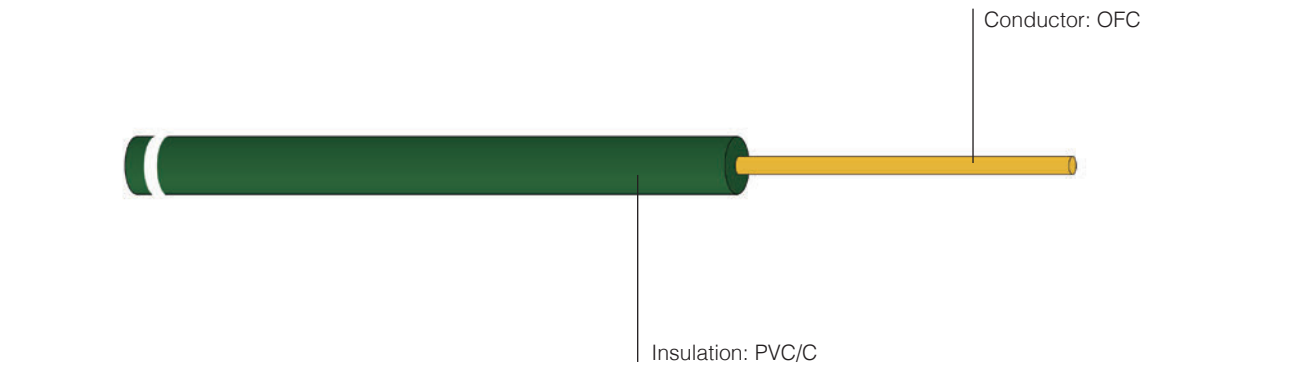
For fixed wiring when flexibility is required.

Characteristics

- 1.Max. Operating Temperature: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like water-blocking, oil,corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made
- 6.Colour: Red/ Yellow/ Green / Bule / Black / Yellow&Green

BVR 450/750V						
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	O.D. (mm) Max.	Max. Conductor Resistance at 20°C(Ω/km)		Min. Resistance of Insulation at 70°C (MΩ/km)
				Copper	TC	
0.75	7/0.37	0.7	2.9	24.5	24.8	0.013
1.0	7/0.43	0.7	3.1	18.1	18.2	0.012
1.5	7/0.52	0.7	3.4	12.1	12.2	0.011
2.5	19/0.41	0.8	4.1	7.41	7.56	0.011
4	19/0.52	0.8	4.8	4.61	4.70	0.009
6	19/0.64	0.8	5.3	3.08	3.11	0.0084
10	49/0.52	1.0	7.3	1.83	1.84	0.009
16	49/0.64	1.0	8.6	1.15	1.16	0.0085
25	98/0.58	1.2	10.2	0.727	0.734	0.0058
35	133/0.58	1.2	11.7	0.524	0.529	0.0052
50	133/0.68	1.4	13.9	0.387	0.391	0.0051
70	189/0.68	1.4	16.0	0.268	0.270	0.0045

BV Rigid Conductor Non-sheathed Cable for General Purpose



Standards

Reference Standard: GB/T5023.3-2008
Rated Voltage: 450/750V



Applications

Used in the switch control, relay and instrumentation panels of power switchgear and internal connectors in rectifier equipment, motor starters and controllers.

Characteristics

- 1.Max. Operating Temp: 70°C (BV), 90°C (BV-90)
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant. other characteristics can be customized, like water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/500m per roll or custom-made
- 6.Colour: Red/ Yellow/ Green / Bule / Black / Yellow&Green

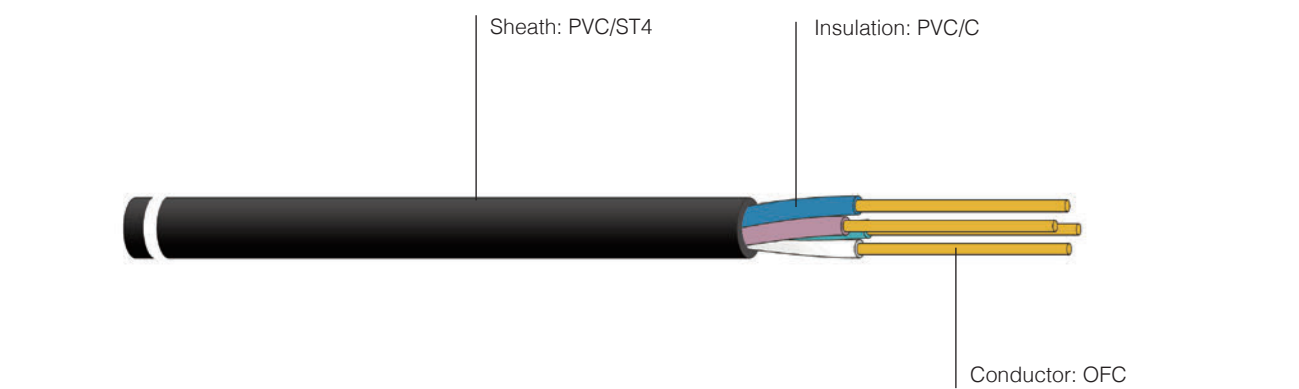
60227 IEC 01 (BV)						
Nom. CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Min. Insulation Resistance at 70°C (MΩ/km)
			Lower	Upper		
1.5	1/1.38	0.7	2.6	3.2	12.1	0.011
1.5	7/0.52	0.7	2.7	3.3	12.1	0.010
2.5	1/1.78	0.8	3.2	3.9	7.41	0.010
2.5	7/0.68	0.8	3.3	4.0	7.41	0.009
4	1/2.25	0.8	3.6	4.4	4.61	0.0085
4	7/0.85	0.8	3.8	4.6	4.61	0.0077
6	1/2.76	0.8	4.1	5.0	3.08	0.0070
6	7/1.04	0.8	4.3	5.2	3.08	0.0065
10	7/1.35	1.0	5.6	6.7	1.83	0.0065
16	7/1.70	1.0	6.4	7.8	1.15	0.005

Nom. CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Min. Resistance of Insulation at 70°C (MΩ/km)
			Lower	Upper		
25	7/2.14	1.2	8.1	9.7	0.727	0.005
35	7/2.52	1.2	9.0	10.9	0.524	0.0043
50	19/1.78	1.4	10.6	12.8	0.387	0.0045
70	19/2.14	1.4	12.1	14.6	0.268	0.0035
95	19/2.52	1.6	14.1	17.1	0.193	0.0035
120	37/2.03	1.6	15.6	18.8	0.153	0.0032
150	37/2.25	1.8	17.3	20.9	0.124	0.0032
185	37/2.52	2.0	19.3	23.3	0.0991	0.0032
240	61/2.25	2.2	22.0	26.6	0.0754	0.0032
300	61/2.52	2.4	24.5	29.6	0.0601	0.0030
400	61/2.85	2.6	27.5	33.2	0.0470	0.0028

60227 IEC 05(BV)300/500V						
Nom. CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)	Min. Insulation Resistance at 90°C (MΩ/km)
			Lower	Upper		
0.5	1/0.8	0.6	1.9	2.3	36.0	0.015
0.75	1/0.97	0.6	2.1	2.5	24.5	0.012
1.0	1/1.13	0.6	2.2	2.7	18.1	0.011

60227 IEC 07(BV-90)300/500V (Rated Temperature: 90°C)						
Nom. CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)	Min. Insulation Resistance at 90°C (MΩ/km)
			Lower	Upper		
0.5	1/0.8	0.6	1.9	2.3	36.0	0.015
0.75	1/0.97	0.6	2.1	2.5	24.5	0.013
1.0	1/1.13	0.6	2.2	2.7	18.1	0.012
1.5	1/1.38	0.7	2.6	3.2	12.1	0.011
2.5	1/1.78	0.8	3.2	3.9	7.41	0.009

BVV Multi-core Rigid Wiring Cable



Standards

Reference Standard: GB/T5023.4-2008
 Rated Voltage: 300/500V



Applications

Used for fixed wiring at rated voltage 300/500V or lower power devices.

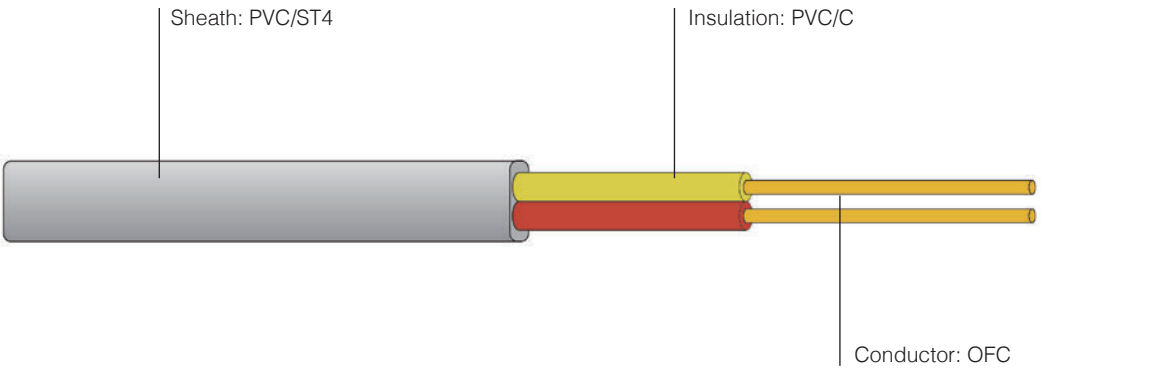
Characteristics

- 1.Max. Operating Temp: 70°C .
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm.
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made
- 6.Colour: Black / White or custom colour

60227 IEC 10(BVV) 300/500V									
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Inner Sheath Thickness (mm)	Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
2X1.5	1/1.38	0.7	0.4	1.2	7.6	10.0	12.1	12.2	0.011
	7/0.52				7.8	10.5	12.1	12.2	0.010
2X2.5	1/1.78	0.8	0.4	1.2	8.6	11.5	7.41	7.56	0.010
	7/0.68				9.0	12.0	7.41	7.56	0.009
2X4	1/2.25	0.8	0.4	1.2	9.6	12.5	4.61	4.7	0.0085
	7/0.85				10.0	13.0	4.61	4.7	0.0077
2X6	1/2.76	0.8	0.4	1.2	10.5	13.5	3.08	3.11	0.0070
	7/1.04				11.0	14.0	3.08	3.11	0.0065
2X10	7/1.35	1.0	0.6	1.4	13.5	17.5	1.83	1.84	0.0065
2X16	7/1.70	1.0	0.6	1.4	15.5	20.0	1.15	1.18	0.0052

2X25	7/2.14	1.2	0.8	1.4	18.5	24.0	0.727	0.734	0.0050
2X35	7/2.52	1.2	1.0	1.6	21.0	27.5	0.524	0.529	0.0044
3X1.5	1/1.38	0.7	0.4	1.2	8.0	10.5	12.1	12.2	0.011
	7/0.52				8.2	11.0	12.1	12.2	0.010
3X2.5	1/1.78	0.8	0.4	1.2	9.2	12.0	7.41	7.56	0.010
	7/0.68				9.4	12.5	7.41	7.56	0.009
3X4	1/2.25	0.8	0.4	1.2	10.0	13.0	4.61	4.7	0.0085
	7/0.85				10.5	13.5	4.61	4.7	0.0077
3X6	1/2.76	0.8	0.4	1.4	11.5	14.5	3.08	3.11	0.007
	7/1.04				12.0	15.5	3.08	3.11	0.0065
3X10	7/1.35	1.0	0.6	4.1	14.5	19.0	1.83	1.84	0.0065
3X16	7/1.70	1.0	0.8	1.4	16.5	21.5	1.15	1.18	0.0052
3X25	7/2.14	1.2	0.8	1.6	20.5	26.0	0.727	0.734	0.0050
3X35	7/2.52	1.2	1.0	1.6	22.0	29.0	0.524	0.529	0.0044
4X1.5	1/1.38	0.7	0.4	1.2	8.6	11.5	12.1	12.2	0.011
	7/0.52				9.0	12.0	12.1	12.2	0.010
4X2.5	1/1.78	0.8	0.4	1.2	10.0	13.0	7.41	7.56	0.010
	7/0.68				10.0	13.5	7.41	7.56	0.009
4X4	1/2.25	0.8	0.4	1.4	11.5	14.5	4.61	4.7	0.0085
	7/0.85				12.0	15.0	4.61	4.7	0.0077
4X6	1/2.76	0.8	0.4	1.4	12.5	16.0	3.08	3.11	0.0070
	7/1.04				13.0	17.0	3.08	3.11	0.0065
4X10	7/1.35	1.0	0.6	1.4	16.0	20.5	1.83	1.84	0.0065
4X16	7/1.70	1.0	0.6	1.4	18.0	23.5	1.15	1.18	0.0052
4X25	7/2.14	1.2	0.8	1.6	22.5	28.5	0.727	0.734	0.005
4X35	7/2.52	1.2	1.0	1.6	24.5	32.0	0.524	0.529	0.0044
5X1.5	1/1.38	0.7	0.4	1.2	9.4	12.0	12.1	12.2	0.011
	7/0.52				9.8	12.5	12.1	12.2	0.010
5X2.5	1/1.78	0.8	0.4	1.2	11.0	14.0	7.41	7.56	0.010
	7/0.68				11.0	14.5	7.41	7.56	0.009
5X4	1/2.25	0.8	0.6	1.4	12.5	16.0	4.61	4.7	0.0085
	7/0.85				13.0	17.0	4.61	4.7	0.0077
5X6	1/2.76	0.8	0.6	1.4	13.5	17.5	3.08	3.11	0.0070
	7/1.04				14.5	18.5	3.08	3.11	0.0065
5X10	7/1.35	1.0	0.6	1.4	17.5	22.0	1.83	1.84	0.0065
5X16	7/1.7	1.0	0.8	1.6	20.5	26.0	1.15	1.18	0.0052
5X25	7/2.14	1.2	1.0	1.6	24.5	31.5	0.727	0.734	0.0050
5X35	7/2.52	1.2	1.2	1.6	27.0	35.0	0.524	0.529	0.0044

BVVB Flat Type Rigid Fixed Wiring Cable



Standards

Reference Standard: JB/T8734.2-2012
Rated Voltage: 300/500V



Applications

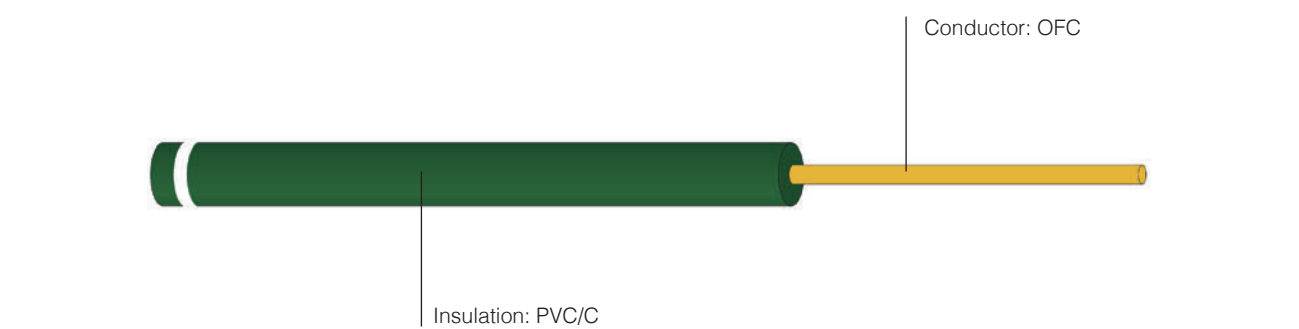
Used as fixed wiring at rated voltage 300/500V or lower power devices.

Characteristics

- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation and sheath material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made
- 6.Colour: White

Flat Type Rigid Fixed Wiring Cable								
Cores×CSA (mm ²)	Conductor (NO./mm)	Insulation Thickness (mm)	Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.75	1/0.97	0.6	0.9	3.8X5.9	4.6X7.1	24.5	24.8	0.012
2X1.0	1/1.13	0.6	0.9	3.9X6.1	4.8X7.4	18.1	18.2	0.011
2X1.5	1/1.38	0.7	0.9	4.4X7.0	5.3X8.5	12.1	12.2	0.011
2X2.5	1/1.78	0.8	1.0	5.1X8.4	6.2X10.1	7.41	7.56	0.010
2X4	1/2.25	0.8	1.0	5.6X9.2	6.7X11.1	4.61	4.70	0.0085
2X4	7/0.85	0.8	1.0	5.7X9.5	6.9X11.5	4.61	4.70	0.0080
2X6	1/2.76	0.8	1.1	6.2X10.4	7.5X12.5	3.08	3.11	0.0070
2X6	7/1.04	0.8	1.1	6.4X10.8	7.8X13.0	3.08	3.11	0.0065
2X10	7/1.35	1.0	1.2	7.9X13.4	9.5X16.2	1.83	1.84	0.0065
3X0.75	1/0.97	0.6	0.9	3.8X7.9	4.6X9.6	24.5	24.8	0.012
3X1.0	1/1.13	0.6	0.9	3.9X8.4	4.8X10.1	18.1	18.2	0.011
3X1.5	1/1.38	0.7	0.9	4.4X9.6	5.3X11.7	12.1	12.2	0.011
3X2.5	1/1.78	0.8	1.0	5.1X11.6	6.2X14.0	7.41	7.56	0.010
3X4	1/2.25	0.8	1.1	5.8X13.1	7.0X15.8	4.61	4.70	0.0085
3X4	7/0.85	0.8	1.1	5.9X13.5	7.1X16.3	4.61	4.70	0.0080
3X6	1/2.76	0.8	1.1	6.2X14.5	7.5X17.5	3.08	3.11	0.0070
3X6	7/1.04	0.8	1.1	6.4X15.1	7.8X18.2	3.08	3.11	0.0065
3X10	7/1.35	1.0	1.2	7.9X19.0	9.5X23.0	1.83	1.84	0.0065

AV Copper-core PVC Insulated Cable for Installation Use



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V



Applications

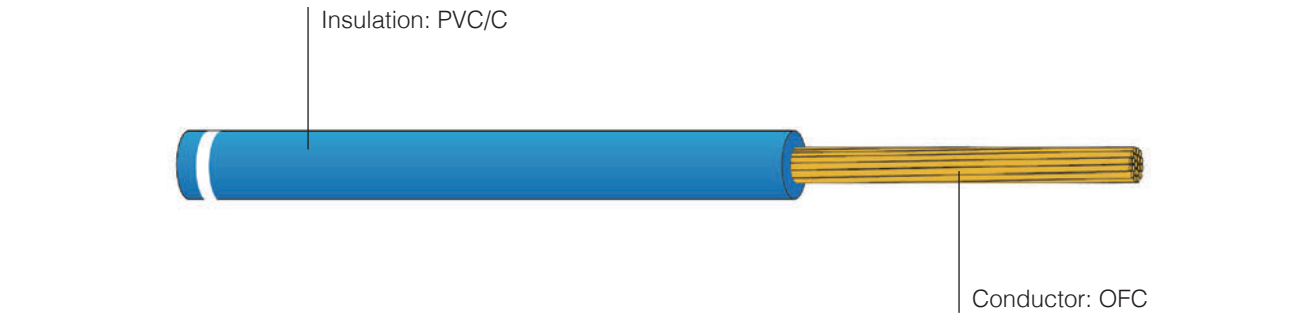
Applied to rated voltage 300 / 300V or lower electrical appliance, instrumentation panel, electronic equipment and automation device.

Characteristics

- 1.Max. Operating Temp: 70°C (AV), 90°C (105) (AV-90).
- 2.Min. Ambient Temperature during Installation: 0°C .
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm.
- 4.Insulation material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/500m per roll or custom-made
- 6.Colour: Red/ Yellow/ Green/ Blue/ Black

AV,AV-90						
Nom. Conductor CSA (mm2)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm) Max.	Max. Conductor Resistance at 20°C (Ω/km)		Min. Resistance of Insulation at 70°C or 90°C (MΩ/km)
				Copper	TC	
0.08	1/0.32	0.4	1.3	225.2	229.6	0.018
0.12	1/0.40	0.4	1.4	144.1	146.9	0.016
0.20	1/0.50	0.4	1.5	92.3	94.0	0.015
0.30	1/0.62	0.4	1.6	64.1	65.3	0.014
0.40	1/0.71	0.4	1.7	47.1	48.0	0.012

AVR Copper-core PVC Insulated Soft Cable for Installation Use



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V



Applications

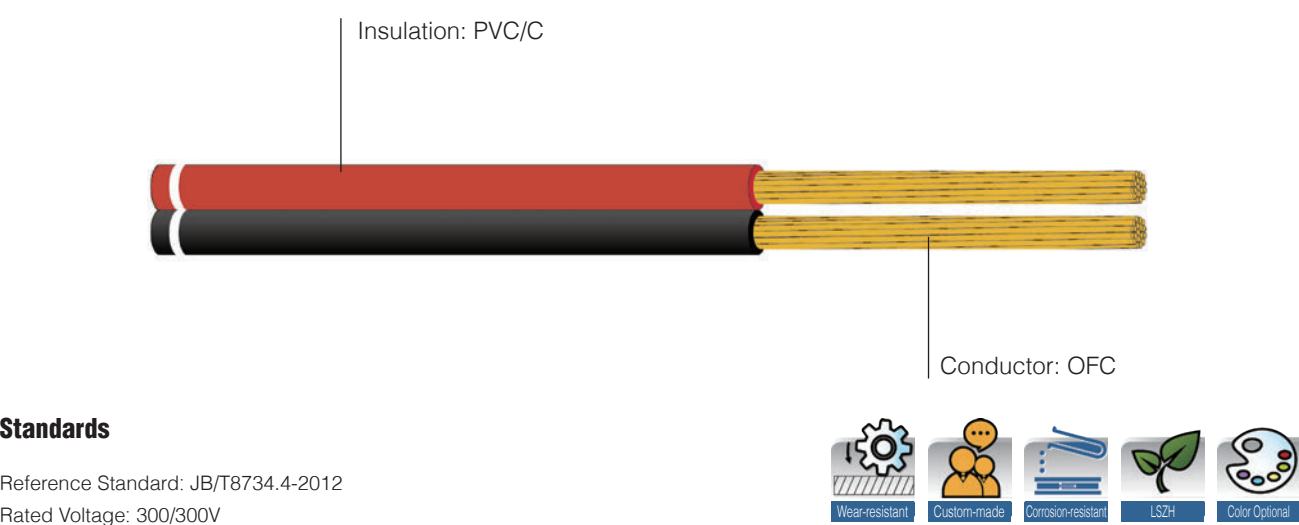
Applied to rated voltage 300 / 300V or lower electrical appliance, instrumentation panel, electronic equipment and automation device.

Characteristics

- 1.Max. Operating Temp: 70°C (AVR), 90°C (AVR-90).
- 2.Min. Ambient Temperature during Installation: 0°C .
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm.
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/500m per roll or custom-made
- 6.Colour: Red/ Yellow/ Green/ Blue/ Black

AVR,AVR-90						
Nom. Conductor CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm) Max.	Max. Conductor Resistance at 20°C (Ω/km)		Min. Resistance of Insulation at 70°C or 90°C (MΩ/km)
				Copper	TC	
0.08	7/0.12	0.4	1.3	247	254	0.018
0.12	7/0.15	0.4	1.5	158	163	0.016
0.2	12/0.15	0.4	1.6	92.3	95.0	0.014
0.3	16/0.15	0.5	2.0	69.2	71.2	0.014
0.4	23/0.15	0.5	2.1	48.2	49.6	0.012

AVRB Copper-core PVC Insulated Flat Soft Cable for Installation Use



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V

Applications

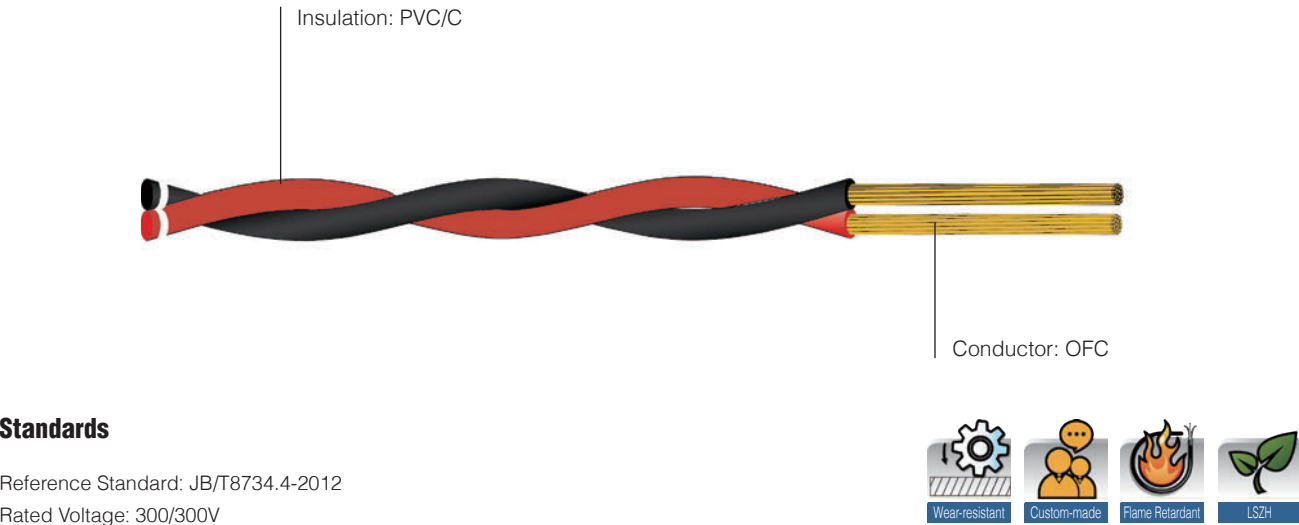
Applied to rated voltage 300 / 300V or lower electrical appliance, instrumentation panel, electronic equipment and automation device.

Characteristics

- 1.Max. Operating Temp: 70°C.
- 2.Min. Ambient Temperature during Installation: 0°C.
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm.
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/500m per roll or custom-made
- 6.Colour: Red /Black or custom colour.

AVRB 300/300V					
Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm) Max.	Max. Conductor Resistance at 20°C (Ω/km)		Min. Resistance of Insulation at 70°C or 90°C (MΩ/km)
			Copper	TC	
2×0.12	0.5	1.7X3.4	158	163	0.018
2×0.2	0.6	2.1X4.2	92.3	95.0	0.017
2×0.3	0.6	2.2X4.4	69.2	71.2	0.016
2×0.4	0.6	2.4X4.8	48.2	49.6	0.014

AVRS Copper-core PVC Insulated Twisted Flexible Cable for Installation Use



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V

Applications

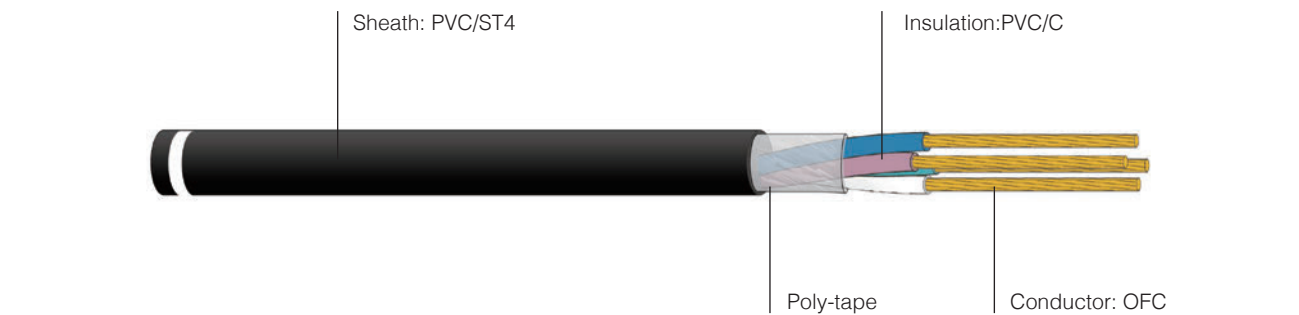
Applied to rated voltage 300 / 300V or lower electrical appliance, instrumentation panel, electronic equipment and automation device.

Characteristics

- 1.Max. Operating Temp: 70°C.
- 2.Min. Ambient Temperature during Installation: 0°C.
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made
- 6.Colour: Red /Black or custom colour

AVRS 300/300V						
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm) Max.	Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Copper	TC	
2X0.12	7/0.15	0.5	3.4	158	163	0.018
2X0.20	12/0.15	0.6	4.2	92.3	95.0	0.017
2X0.30	16/0.15	0.6	4.4	69.2	71.2	0.016
2X0.40	23/0.15	0.6	4.8	48.2	49.6	0.014

AVVR Copper Core PVC Insulated Soft Cable with Sheath for Installation Use



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V



Applications

Suitable for control and information transmission of intelligent building intercom system, alarm system and automation control system.

Characteristics

- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.200m/300m per roll or custom-made

AVVR 300/300V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.08	7/0.12	0.4	0.6	3.1 / 2.3X3.4	4.1 / 2.7X4.1	247	254	0.018
2X0.12	7/0.15	0.4	0.6	3.3 / 2.4X3.6	4.3 / 2.8X4.3	158	163	0.016
2X0.2	12/0.15	0.4	0.6	3.6 / 2.5X3.9	4.7 / 3.0X4.7	92.3	95.0	0.014
2X0.3	16/0.15	0.5	0.6	4.1 / 2.8X4.4	5.3 / 3.4X5.3	69.2	71.2	0.014
2X0.4	23/0.15	0.5	0.6	4.4 / 2.9X4.7	5.7 / 3.5X5.7	48.2	49.6	0.013
3X0.12	7/0.15	0.4	0.6	3.4	4.5	158	163	0.016
3X0.2	12/0.15	0.4	0.6	3.8	4.9	92.3	95.0	0.014
3X0.3	16/0.15	0.5	0.6	4.4	5.7	69.2	71.2	0.014
3X0.4	23/0.15	0.5	0.6	4.7	6.0	48.2	49.6	0.013
4X0.12	7/0.15	0.4	0.6	3.8	4.9	158	163	0.016
4X0.2	12/0.15	0.4	0.6	4.2	5.4	92.3	95.0	0.014
4X0.3	16/0.15	0.5	0.6	4.8	6.2	69.2	71.2	0.014
4X0.4	23/0.15	0.5	0.6	5.1	6.6	48.2	49.6	0.013
5X0.12	7/0.15	0.4	0.6	4.1	5.3	158	163	0.016

AVVR 300/300V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.08	7/0.12	0.4	0.6	3.1 / 2.3X3.4	4.1 / 2.7X4.1	247	254	0.018
2X0.12	7/0.15	0.4	0.6	3.3 / 2.4X3.6	4.3 / 2.8X4.3	158	163	0.016
2X0.2	12/0.15	0.4	0.6	3.6 / 2.5X3.9	4.7 / 3.0X4.7	92.3	95.0	0.014
2X0.3	16/0.15	0.5	0.6	4.1 / 2.8X4.4	5.3 / 3.4X5.3	69.2	71.2	0.014
2X0.4	23/0.15	0.5	0.6	4.4 / 2.9X4.7	5.7 / 3.5X5.7	48.2	49.6	0.013
3X0.12	7/0.15	0.4	0.6	3.4	4.5	158	163	0.016
3X0.2	12/0.15	0.4	0.6	3.8	4.9	92.3	95.0	0.014
3X0.3	16/0.15	0.5	0.6	4.4	5.7	69.2	71.2	0.014
3X0.4	23/0.15	0.5	0.6	4.7	6.0	48.2	49.6	0.013
4X0.12	7/0.15	0.4	0.6	3.8	4.9	158	163	0.016
4X0.2	12/0.15	0.4	0.6	4.2	5.4	92.3	95.0	0.014
4X0.3	16/0.15	0.5	0.6	4.8	6.2	69.2	71.2	0.014
4X0.4	23/0.15	0.5	0.6	5.1	6.6	48.2	49.6	0.013
5X0.12	7/0.15	0.4	0.6	4.1	5.3	158	163	0.016
5X0.2	12/0.15	0.4	0.6	4.5	5.8	92.3	95.0	0.014
5X0.3	16/0.15	0.5	0.6	5.3	6.7	69.2	71.2	0.014
5X0.4	23/0.15	0.5	0.6	5.6	7.2	48.2	49.6	0.013
6 / 7X0.12	7/0.15	0.4	0.6	4.4	5.7	158	163	0.016
6 / 7X0.2	12/0.15	0.4	0.6	4.9	6.3	92.3	95.0	0.014
6 / 7X0.3	16/0.15	0.5	0.6	5.7	7.3	69.2	71.2	0.014
6 / 7X0.4	23/0.15	0.5	0.6	6.2	7.8	48.2	49.6	0.013
8X0.12	7/0.15	0.4	0.6	5.3	6.5	158	163	0.016
8X0.2	12/0.15	0.4	0.6	5.6	7.2	92.3	95.0	0.014
8X0.3	16/0.15	0.5	0.6	6.5	8.2	69.2	71.2	0.014
8X0.4	23/0.15	0.5	0.6	7.0	8.6	48.2	49.6	0.013
9X0.12	7/0.15	0.4	0.6	5.5	7.2	158	163	0.016
9X0.2	12/0.15	0.4	0.6	6.0	7.6	92.3	95.0	0.014
9X0.3	16/0.15	0.5	0.8	7.2	9.0	69.2	71.2	0.014
9X0.4	23/0.15	0.5	0.8	7.8	9.2	48.2	49.6	0.013
10X0.12	7/0.15	0.4	0.6	5.7	7.2	158	163	0.016
10X0.2	12/0.15	0.4	0.6	6.3	8.0	92.3	95.0	0.014
10X0.3	16/0.15	0.5	0.8	7.8	9.7	69.2	71.2	0.014
10X0.4	23/0.15	0.5	0.8	8.3	10.4	48.2	49.6	0.013
12X0.12	7/0.15	0.4	0.6	5.8	7.4	158	163	0.016
12X0.2	12/0.15	0.4	0.6	6.5	8.2	92.3	95.0	0.014

Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Lower	Upper	Copper	TC	
12X0.3	16/0.15	0.5	0.8	8.0	10.1	69.2	71.2	0.014
12X0.4	23/0.15	0.5	0.8	8.6	10.8	48.2	49.6	0.013
14X0.12	7/0.15	0.4	0.6	6.1	7.8	158	163	0.016
14X0.2	12/0.15	0.4	0.8	7.2	9.1	92.3	95.0	0.014
14X0.3	16/0.15	0.5	0.8	8.4	10.6	69.2	71.2	0.014
14X0.4	23/0.15	0.5	0.8	9.1	11.3	48.2	49.6	0.013
16X0.12	7/0.15	0.4	0.6	6.5	8.2	158	163	0.016
16X0.2	12/0.15	0.4	0.8	7.6	9.6	92.3	95.0	0.014
16X0.3	16/0.15	0.5	0.8	8.9	11.1	69.2	71.2	0.014
16X0.4	23/0.15	0.5	0.8	9.6	11.9	48.2	49.6	0.013
18X0.12	7/0.15	0.4	0.8	7.8	9.2	158	163	0.016
18X0.2	12/0.15	0.4	0.8	8.6	10.0	92.3	95.0	0.014
18X0.3	16/0.15	0.5	0.8	9.5	11.0	69.2	71.2	0.014
18X0.4	23/0.15	0.5	0.8	10.5	11.6	48.2	49.6	0.013
19X0.12	7/0.15	0.4	0.8	7.2	9.1	158	163	0.016
19X0.2	12/0.15	0.4	0.8	8.1	10.1	92.3	95.0	0.014
19X0.3	16/0.15	0.5	0.8	9.4	11.7	69.2	71.2	0.014
19X0.4	23/0.15	0.5	0.8	10.1	12.6	48.2	49.6	0.013
20X0.12	7/0.15	0.4	0.8	8.0	9.5	158	163	0.016
20X0.2	12/0.15	0.4	0.8	8.8	11.0	92.3	95.0	0.014
20X0.3	16/0.15	0.5	0.8	10.0	12.3	69.2	71.2	0.014
20X0.4	23/0.15	0.5	0.8	10.8	12.5	48.2	49.6	0.013
24X0.12	7/0.15	0.4	0.8	8.4	10.6	158	163	0.016
24X0.2	12/0.15	0.4	0.8	9.4	11.7	92.3	95.0	0.014
24X0.3	16/0.15	0.5	1.0	11.4	14.2	69.2	71.2	0.014
24X0.4	23/0.15	0.5	1.0	12.3	15.2	48.2	49.6	0.013
26X0.12	7/0.15	0.4	0.8	8.9	10.7	158	163	0.016
26X0.20	12/0.15	0.4	0.8	9.8	12.0	92.3	95.0	0.014
26X0.30	16/0.15	0.5	1.0	11.8	13.5	69.2	71.2	0.014
26X0.40	23/0.15	0.5	1.0	12.5	14.0	48.2	49.6	0.013
28X0.12	7/0.15	0.4	0.8	9.4	11.6	158	163	0.016
28X0.20	12/0.15	0.4	1.0	10.6	13.0	92.3	95.0	0.014
28X0.30	16/0.15	0.5	1.0	12.2	14.5	69.2	71.2	0.014
28X0.40	23/0.15	0.5	1.0	13.0	15.2	48.2	49.6	0.013
30X0.12	7/0.15	0.4	0.8	9.5	12.5	158	163	0.016
30X0.20	12/0.15	0.4	1.0	10.8	13.2	92.3	95.0	0.014
30X0.30	16/0.15	0.5	1.0	12.5	15.5	69.2	71.2	0.014
30X0.40	23/0.15	0.5	1.0	13.5	16.0	48.2	49.6	0.013

RVS Twisted Flexible Power Cable



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V



Applications

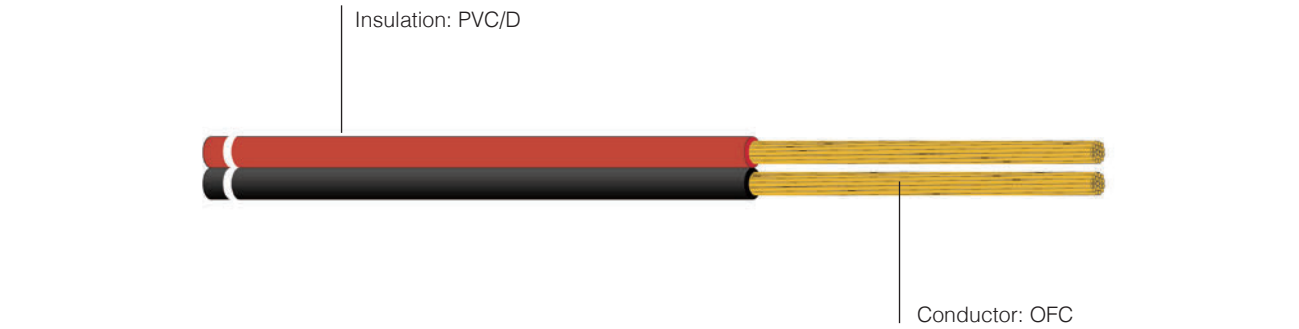
Applied to rated voltage 300 / 300V or lower electrical appliance, instrumentation panle and instrumentation and power lighting. Also applied to alarm system and fire alarm system.

Characteristics

- 1.Max. Operating Temp: 70°C.
- 2.Min. Ambient Temperature during Installation: 0°C.
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom length.

RVS 300/300V						
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm) Max.	Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
				Copper	TC	
2X0.50	16/0.20	0.8	6.0	39.0	40.1	0.016
2X0.75	24/0.20	0.8	6.2	26.0	26.7	0.014
2X1.0	32/0.20	0.8	6.6	19.5	20.0	0.011
2X1.5	30/0.25	0.8	7.2	13.3	13.7	0.010
2X2.5	50/0.25	0.8	8.2	7.98	8.21	0.009
2X4	81/0.25	0.8	9.2	4.95	5.09	0.007
2X6	84/0.30	1.0	10.60	3.30	3.39	0.006

RVB Parallel type Flexible Electric Cable



Standards

Reference Standard: JB/T8734.4-2012
Rated Voltage: 300/300V



Applications

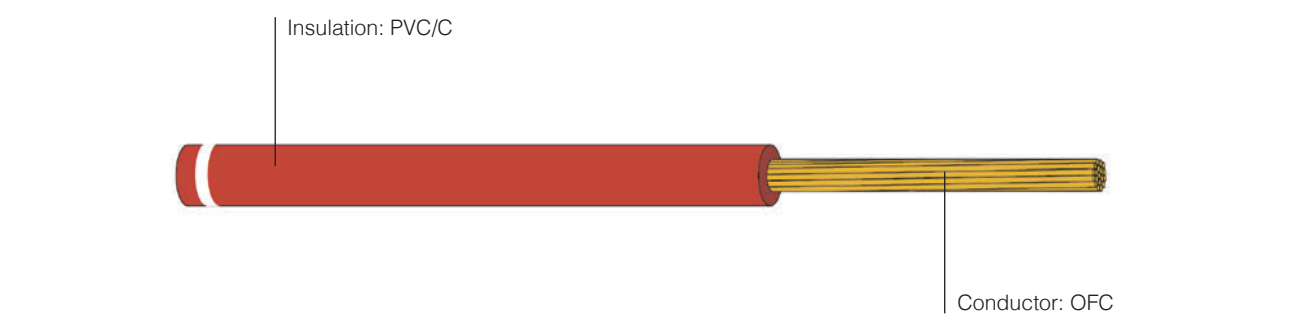
Applied to AC rated voltage 300 / 300V or lower electrical appliance, instrumentation panel, electronic equipment and automation device.

Characteristics

- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.200m/500m per roll or custom-made
- 6.Colour: Black / Red or custom colour.

300/300V						
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D.(mm)	Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
			Lower / Upper	Copper	TC	
2X0.50	16/0.20	0.8	2.5X5.0 3.0X6.0	39	40.1	0.016
2X0.75	24/0.20	0.8	2.7X5.4 3.2X6.4	26	26.7	0.014
2X1.0	32/0.20	0.8	2.8X5.6 3.3X6.6	19.5	20.0	0.012
2X1.5	30/0.25	0.8	3.0X6.0 3.6X7.2	13.3	13.7	0.011
2X2.5	50/0.25	0.8	3.4X6.8 4.1X8.2	7.98	8.21	0.010
2X4	81/0.25	0.8	4.3X8.6 5.2X10.4	4.95	5.09	0.008
2X6	84/0.30	1.0	4.8X9.6 5.8X11.6	3.30	3.39	0.0065

RV Single-core Non-sheathed Cable with Flexible Conductor for General Purposes



Standards

Reference Standard: GB/T5023.3-2008
Rated Voltage: 450/750V



Applications

Applied to rated voltage 450/750V or lower switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

Characteristics

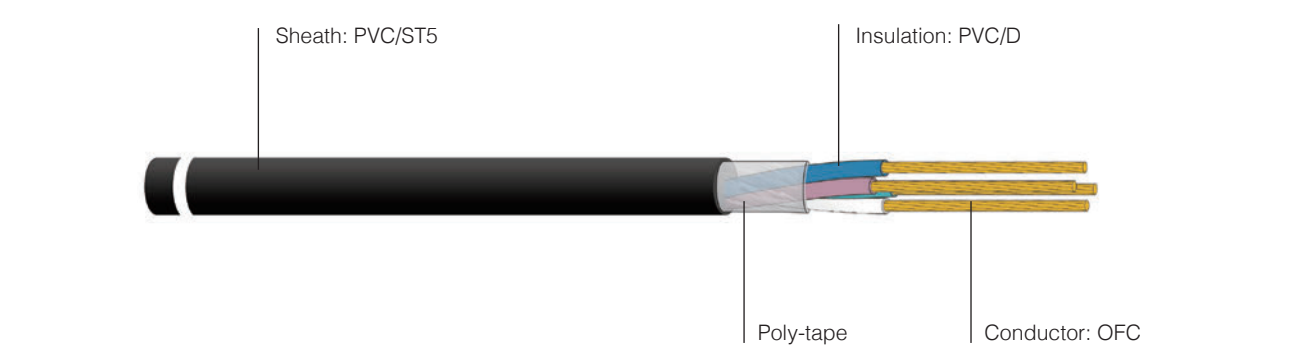
- 1.Max. Operating Temp: 70°C (RV), 90°C (105) (RV-90)
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for <16mm.
- 4.Insulation material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made

60227 IEC 02 (RV)						
Nom. Conductor CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)	Min. Resistance of Insulation at 70°C (MΩ/km)
			Lower	Upper		
1.5	30/0.25	0.7	2.8	3.4	13.3	0.010
2.5	50/0.25	0.8	3.4	4.1	7.98	0.009
4	81/0.25	0.8	3.9	4.2	4.95	0.007
6	84/0.30	0.8	4.4	5.3	3.3	0.006
10	84/0.40	1.0	5.7	6.8	1.91	0.0056
16	126/0.40	1.0	6.7	8.1	1.21	0.0046
25	196/0.40	1.2	8.4	10.2	0.78	0.0044
35	276/0.40	1.2	9.7	11.7	0.554	0.0038
50	396/0.40	1.4	11.5	13.9	0.386	0.0037
70	360/0.50	1.4	13.2	16.0	0.268	0.0032
95	475/0.50	1.6	15.1	18.2	0.193	0.0032
120	608/0.50	1.6	16.7	20.2	0.153	0.0029
150	756/0.50	1.8	18.6	22.5	0.124	0.0029
185	925/0.50	2.0	20.6	24.9	0.0991	0.0029
240	1221/0.50	2.2	23.5	28.4	0.0754	0.0028

60227 IEC 06(RV)300/500V						
Nom. Conductor CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)	Min. Resistance of Insulation at 70°C (MΩ/km)
			Lower	Upper		
0.5	16/0.20	0.6	2.1	2.5	39.0	0.013
0.75	24/0.20	0.6	2.2	2.7	26.0	0.011
1	32/0.20	0.6	2.4	2.8	19.5	0.010

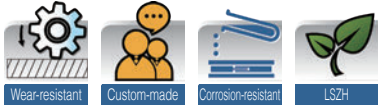
60227 IEC 08(RV-90)300/500V						
Nom. Conductor CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)	Min. Resistance of Insulation at 70°C (MΩ/km)
			Lower	Upper		
0.5	16/0.20	0.6	2.1	2.5	39.0	0.013
0.75	24/0.20	0.6	2.2	2.7	26.0	0.011
1.0	32/0.20	0.6	2.4	2.8	19.5	0.01
1.5	30/0.25	0.7	2.8	3.4	13.3	0.009
2.5	50/0.25	0.8	3.4	4.1	7.98	0.009

RVV Ordinary PVC Sheathed Cable



Standards

Reference Standard: GB/T5023.5-2008
Rated Voltage: 300/500V



Applications

Applied to low voltage equipment control, communication signal transmission and power cable of broadcast and low voltage equipment.

Characteristics

- 1.Max. Operating Temp: 70°C (RVV), 90°C(105) (RVV-90)
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation and sheath material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.200m/500m per roll or custom-made

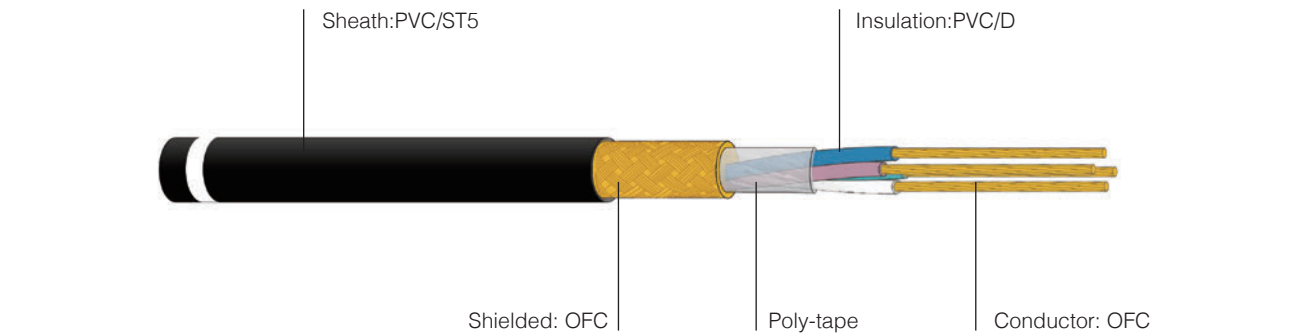
60227 IEC 52(RVV) 300/300V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)		Min. Resistance of Insulation at 70°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.50	16/0.20	0.50	0.60	4.6 / 3.0X4.9	5.9 / 3.7X5.9	39.0	40.1	0.012
2X0.75	24/0.20	0.50	0.60	4.9 / 3.2X5.2	6.3 / 3.8X6.3	26.0	26.7	0.010
3X0.50	16/0.20	0.50	0.60	4.90	6.30	39.0	40.1	0.012
3X0.75	24/0.20	0.50	0.60	5.20	6.70	26.0	26.7	0.010

60227 IEC 56(RVV-90) 300/300V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)		Min. Resistance of Insulation at 90°C (M Ω/km)
				Lower	Upper	Copper	TC	
2X0.50	16/0.20	0.50	0.60	4.6 / 3.0X4.9	5.9 / 3.7X5.9	39.0	40.1	0.012
2X0.75	24/0.20	0.50	0.60	4.9 / 3.2X5.2	6.3 / 3.8X6.3	26.0	26.7	0.010
3X0.50	16/0.20	0.50	0.60	4.90	6.30	39.0	40.1	0.012
3X0.75	24/0.20	0.50	0.60	5.20	6.70	26.0	26.7	0.010

60227 IEC 53(RVV) 300/500V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)		Min. Resistance of Insulation at 90°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.75	24/0.20	0.60	0.8	5.7 / 3.7X6.0	7.2 / 4.5X7.2	26.0	26.7	0.011
2X1.0	32/0.20	0.60	0.8	5.9 / 3.9X6.2	7.5 / 4.7X7.5	19.2	20.0	0.010
2X1.5	30/0.25	0.70	0.8	6.8	8.6	13.3	13.7	0.010
2X2.5	50/0.25	0.80	1.0	8.4	10.6	7.98	8.21	0.009
3X0.75	24/0.20	0.60	0.8	6.0	7.6	26.0	26.7	0.011
3X1.0	32/0.20	0.60	0.8	6.3	8.0	19.2	20.0	0.010
3X1.5	30/0.25	0.70	0.9	7.4	9.4	13.3	13.7	0.010
3X2.5	50/0.25	0.80	1.1	9.2	11.4	7.98	8.21	0.009
3X4.0	81/0.25	0.80	1.2	10.8	13.5	4.95	5.09	0.007
4X0.75	24/0.20	0.60	0.8	6.6	8.3	26.0	26.7	0.011
4X1.0	32/0.20	0.60	0.9	7.1	9.0	19.2	20.0	0.010
4X1.5	30/0.25	0.70	1.0	8.4	10.5	13.3	13.7	0.010
4X2.5	50/0.25	0.80	1.1	10.1	12.5	7.98	8.21	0.009
5X0.75	24/0.20	0.60	0.9	7.4	9.3	26.0	26.7	0.011
5X1.0	32/0.20	0.60	0.9	7.8	9.8	19.2	20.0	0.010
5X1.5	30/0.25	0.70	1.1	9.3	11.6	13.3	13.7	0.010
5X2.5	50/0.25	0.80	1.2	11.2	13.9	7.98	8.21	0.009

60227 IEC 57(RVV-90) 300/500V								
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)		Max. Conductor Resistance at 20°C(Ω/km)		Min. Resistance of Insulation at 90°C (MΩ/km)
				Lower	Upper	Copper	TC	
2X0.75	24/0.20	0.5	0.8	5.7 / 3.7X6.0	7.2 / 4.5X7.2	26.0	26.7	0.011
2X1.0	32/0.20	0.6	0.8	5.9 / 3.9X6.2	7.5 / 4.7X7.5	19.5	20.0	0.010
2X1.5	30/0.25	0.7	0.8	6.8	8.6	13.3	13.7	0.010
2X2.5	50/0.25	0.8	1.0	5.2	8.4	10.6	8.21	0.009
3X0.75	24/0.20	0.6	0.8	6.0	7.6	26.0	26.7	0.011
3X1.0	32/0.20	0.6	0.8	6.3	8.0	19.5	20.0	0.010
3X1.5	30/0.25	0.7	0.9	7.4	9.4	13.3	13.7	0.010
3X2.5	50/0.25	0.8	1.1	9.2	11.4	7.98	8.21	0.009
4X0.75	24/0.20	0.6	0.8	6.6	8.3	26.0	26.7	0.011
4X1.0	32/0.20	0.6	0.9	7.1	9.0	19.5	20.0	0.010
4X1.5	30/0.25	0.7	1.0	8.4	10.5	13.3	13.7	0.010
4X2.5	50/0.25	0.8	1.1	10.1	12.5	7.98	8.21	0.009
5X0.75	24/0.20	0.6	0.9	7.4	9.3	26.0	26.7	0.011
5X1.0	32/0.20	0.6	0.9	7.8	9.8	19.5	20.0	0.010
5X1.5	30/0.25	0.7	1.1	9.3	11.6	13.3	13.7	0.010
5X2.5	49/0.25	0.8	1.2	11.2	13.9	7.98	8.21	0.009

RVVP Flexible Shielded Electric Cable



Standards

Reference Standard: JB/T8734.5-2012
Rated Voltage: 300/300V



Applications

Applied to intelligent building automation control system, alarm system, smart home system, and equipments requiring of Shielded functions.

Characteristics

- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Shielded with bare copper high density coverage to prevent external electromaganetic interference effectively
- 5.Insulation and sheath material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, water-blocking, oil, corrosion resistant, non-toxic, etc.
- 6.200m/500m per roll or custom-made

RVVP/RVVP1 300/300V									
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire(mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
1X0.08	7/0.12	0.4	0.10	0.4	2.4	2.9	247	254	0.018
1X0.12	7/0.15	0.4	0.10	0.4	2.4	3.0	158	163	0.016
1X0.20	12/0.15	0.4	0.10	0.4	2.6	3.2	92.3	95.0	0.013
1X0.30	16/0.15	0.5	0.10	0.4	2.9	3.5	69.2	71.2	0.014
1X0.40	23/0.15	0.5	0.10	0.4	3.0	3.7	48.2	49.6	0.013
1X0.50	16/0.20	0.5	0.10	0.4	3.1	3.8	39.0	40.1	0.012
1X0.75	24/0.20	0.5	0.10	0.4	3.4	4.1	26.0	26.7	0.010
1X1.0	32/0.20	0.6	0.10	0.6	4.1	4.9	19.5	20.0	0.010
1X1.5	30/0.25	0.6	0.10	0.6	4.3	5.2	13.3	13.7	0.009
1X2.5	50/0.25	0.7	0.15	0.6	4.9	6.0	7.98	8.21	0.008
2X0.08	7/0.12	0.4	0.10	0.4	3.2 / 2.4X3.5	4.2 / 2.9X4.2	247	264	0.018
2X0.12	7/0.15	0.4	0.10	0.6	3.7 / 2.8X4.0	4.9 / 3.4X4.9	158	163	0.016

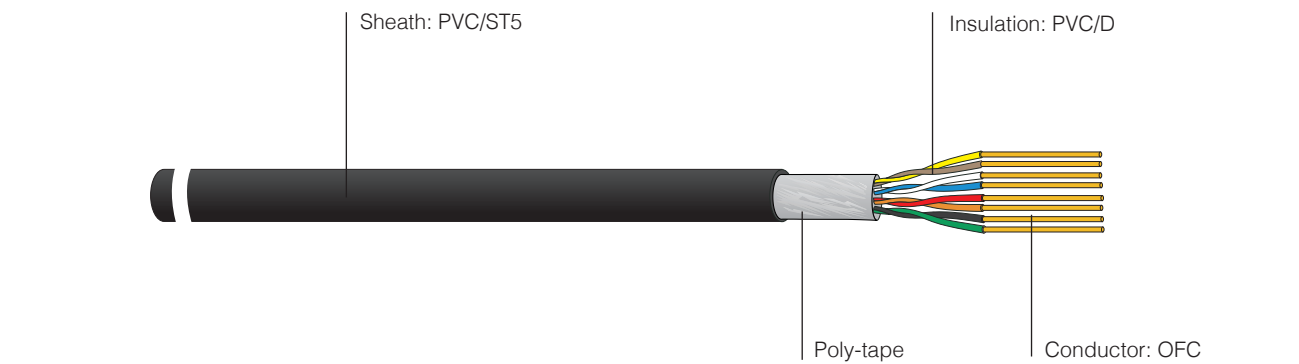
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire(mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
2X0.2	12/0.15	0.4	0.10	0.6	4.81 / 3.0X4.4	5.3 / 3.6X5.3	92.3	95.0	0.013
2X0.3	16/0.15	0.5	0.15	0.6	4.8 / 3.5X5.1	6.2 / 4.2X6.2	69.2	71.2	0.014
2X0.4	23/0.15	0.5	0.15	0.6	5.1 / 3.6X5.4	6.6 / 4.4X6.6	48.2	49.6	0.013
2X0.5	16/0.20	0.5	0.15	0.6	5.3 / 3.7X5.6	6.8 / 4.5X6.8	39.0	40.1	0.012
2X0.75	24/0.20	0.5	0.15	0.6	5.8 / 4.0X6.1	7.4 / 4.8X7.4	26.0	26.7	0.010
2X1.0	32/0.20	0.6	0.15	0.6	6.4 / 4.3X6.7	8.2 / 5.2X8.3	19.5	20.0	0.010
2X1.5	30/0.25	0.6	0.15	0.8	7.3 / 4.9X7.6	9.2 / 6.0X9.3	13.3	13.7	0.009
3X0.12	7/0.15	0.4	0.10	0.6	3.9	5.1	158	163	0.016
3X0.2	12/0.15	0.4	0.15	0.6	4.5	5.8	92.3	95	0.013
3X0.3	16/0.15	0.5	0.15	0.6	5.1	6.5	69.2	71.2	0.014
3X0.4	23/0.15	0.5	0.15	0.6	5.4	6.9	48.2	49.6	0.013
3X0.5	16/0.20	0.5	0.15	0.6	5.6	7.1	39.0	40.1	0.012
3X0.75	24/0.20	0.5	0.15	0.6	6.1	7.8	26	26.7	0.010
3X1.0	32/0.20	0.6	0.15	0.8	7.2	9.1	19.5	20.0	0.010
3X1.5	30/0.25	0.6	0.20	0.8	8.0	10.0	13.3	13.7	0.009
3X2.5	50/0.25	0.7	0.16	1.0	9.1	11.1	7.98	8.21	0.009
3X4	81/0.25	0.8	0.21	1.2	11.0	13.0	4.95	5.09	0.007
4X0.12	7/0.15	0.4	0.15	0.6	4.5	5.8	158	163	0.016
4X0.2	12/0.15	0.2	0.15	0.6	4.9	6.2	92.3	95.0	0.013
4X0.3	16/0.15	0.5	0.15	0.6	5.5	7.0	69.2	71.2	0.014
4X0.4	23/0.15	0.5	0.15	0.6	5.9	7.5	48.2	49.6	0.013
4X0.5	16/0.20	0.5	0.16	0.8	5.8	7.8	39.0	40.1	0.013
4X0.75	24/0.20	0.5	0.16	0.8	6.1	8.1	26.0	26.7	0.011
4X1.0	32/0.20	0.6	0.16	0.9	7.4	9.4	19.5	20.0	0.010
4X1.5	30/0.25	0.6	0.16	0.9	8.0	10.0	13.3	13.7	0.010
4X2.5	50/0.25	0.7	0.16	1.0	10.2	12.2	4.95	5.09	0.009
5X0.12	7/0.15	0.4	0.15	0.6	4.8	6.2	158	163	0.016
5X0.2	12/0.15	0.4	0.15	0.6	5.3	6.7	92.3	95.0	0.013
5X0.3	16/0.15	0.5	0.15	0.6	6.0	7.6	69.2	71.2	0.014
5X0.4	23/0.15	0.5	0.15	0.6	6.4	8.1	48.2	49.6	0.013
5X0.5	16/0.20	0.5	0.16	0.8	6.2	8.2	39.0	40.1	0.013

Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire(mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
5X0.75	24/0.20	0.5	0.16	0.8	6.6	8.6	26.0	26.7	0.011
5X1.0	32/0.20	0.6	0.16	0.9	8.0	10.0	19.5	20.0	0.010
5X1.5	30/0.25	0.6	0.16	1.0	9.1	11.1	13.3	13.7	0.010
5X2.5	50/0.25	0.7	0.21	1.1	11.7	13.7	4.95	5.09	0.009
6 / 7X0.12	7/0.15	0.4	0.15	0.6	5.2	6.6	158	163	0.016
6 / 7X0.2	12/0.15	0.4	0.15	0.6	5.7	7.2	92.3	95	0.013
6 / 7X0.3	16/0.15	0.5	0.15	0.6	6.5	8.2	69.2	71.2	0.014
6 / 7X0.4	23/0.15	0.5	0.15	0.8	7.3	9.2	48.2	49.6	0.013
6X0.5	16/0.20	0.5	0.16	0.8	7.0	9.0	39.0	40.1	0.013
6X0.75	24/0.20	0.5	0.16	0.8	7.5	9.5	26.0	26.7	0.011
6X1.0	32/0.20	0.6	0.16	1.0	9.0	11.0	19.5	20.0	0.010
6X1.5	30/0.25	0.6	0.16	1.0	10.0	12.0	13.3	13.7	0.010
6X2.5	50/0.25	0.7	0.21	1.1	13.0	15.0	4.95	5.09	0.009
7X0.5	16/0.20	0.5	0.16	0.8	7.3	9.3	39.0	40.1	0.013
7X0.75	24/0.20	0.5	0.16	0.8	8.5	10.3	26.0	26.7	0.011
7X1.0	32/0.20	0.6	0.16	1.0	10.2	12.2	19.5	20.0	0.010
7X1.5	30/0.25	0.6	0.21	1.0	11.0	13.0	13.3	13.7	0.010
7X2.5	50/0.25	0.7	0.21	1.1	14.0	16.2	4.95	5.09	0.009
8X0.12	7/0.15	0.4	0.16	0.6	5.1	7.1	158	163	0.016
8X0.2	12/0.15	0.4	0.16	0.6	5.6	7.6	92.3	95.0	0.013
8X0.3	16/0.15	0.5	0.16	0.6	6.7	8.7	69.2	71.2	0.014
8X0.4	23/0.15	0.5	0.16	0.8	7.8	9.8	48.2	49.6	0.013
8X0.5	16/0.20	0.5	0.16	0.8	7.9	9.9	39.0	40.1	0.013
8X0.75	24/0.20	0.5	0.16	0.8	8.5	10.5	26.0	26.7	0.011
8X1.0	32/0.20	0.6	0.16	0.9	10.4	12.6	19.5	20.0	0.010
8X1.5	30/0.25	0.6	0.21	1.0	11.6	13.8	13.3	13.7	0.010
8X2.5	50/0.25	0.7	0.21	1.2	15.0	17.2	4.95	5.09	0.009
9X0.12	7/0.15	0.4	0.16	0.6	5.5	7.5	158	163	0.016
9X0.2	12/0.15	0.4	0.16	0.8	6.9	9.0	92.3	95.0	0.013
9X0.3	16/0.15	0.5	0.16	0.8	7.0	9.2	69.2	71.2	0.014
9X0.4	23/0.15	0.5	0.16	0.8	8.2	9.8	48.2	49.6	0.013
9X0.5	16/0.20	0.5	0.16	0.8	8.6	10.6	39.0	40.1	0.013
9X0.75	24/0.20	0.5	0.16	0.8	8.3	10.3	26.0	26.7	0.011
9X1.5	30/0.25	0.6	0.21	0.9	11.0	12.8	19.5	20.0	0.010
9X2.5	50/0.25	0.6	0.21	1.0	12.0	14.2	13.3	13.7	0.010

Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire(mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
10X0.12	7/0.15	0.4	0.15	0.6	6.4	8.1	158	163	0.016
10X0.2	12/0.15	0.4	0.15	0.8	7.4	9.3	92.3	95.0	0.013
10X0.3	16/0.15	0.5	0.20	0.8	8.7	10.9	69.2	71.2	0.014
10X0.4	23/0.15	0.5	0.20	0.8	9.3	11.6	48.2	49.6	0.013
10x0.5	16/0.20	0.5	0.21	0.9	8.9	10.9	39.0	40.1	0.013
10x0.75	24/0.20	0.5	0.21	1.0	10.3	12.3	26.0	26.7	0.011
10X1.0	32/0.20	0.6	0.21	1.0	12.0	14.0	19.5	20.0	0.010
10X1.5	30/0.25	0.6	0.21	1.1	12.7	15.0	13.3	13.7	0.010
10X2.5	50/0.25	0.7	0.21	1.2	16.3	18.5	4.95	5.09	0.009
12X0.12	7/0.15	0.14	0.15	0.6	6.6	8.3	158	163	0.009
12X0.2	12/0.15	0.4	0.15	0.8	7.6	9.6	92.3	95.0	0.013
12X0.3	16/0.15	0.5	0.20	0.8	9.0	11.2	69.2	71.2	0.014
12X0.4	23/0.15	0.5	0.20	0.8	9.6	11.9	48.2	49.6	0.013
12X0.5	16/0.20	0.5	0.21	0.9	9.5	11.5	39.0	40.1	0.013
12x0.75	24/0.20	0.5	0.21	1.0	11.2	13.2	26.0	26.7	0.011
12X1.0	32/0.20	0.6	0.21	1.0	12.5	14.8	19.5	20.0	0.010
12X1.5	30/0.25	0.6	0.21	1.2	14.0	16.2	13.3	13.7	0.010
12X2.5	50/0.25	0.7	0.21	1.4	18.0	20.2	4.95	5.09	0.009
14X0.12	7/0.15	0.4	0.15	0.8	7.2	9.1	158	163	0.016
14X0.2	12/0.15	0.4	0.20	0.8	8.2	10.3	92.3	95.0	0.013
14X0.3	16/0.15	0.5	0.20	0.8	9.4	11.7	69.2	71.2	0.014
14X0.4	23/0.15	0.5	0.20	0.8	10.0	12.5	48.2	49.6	0.013
16X0.12	7/0.15	0.4	0.20	0.8	7.6	9.5	158	163	0.016
16X0.2	12/0.15	0.4	0.20	0.8	8.6	10.8	92.3	95.0	0.013
16X0.3	16/0.15	0.5	0.20	0.8	9.9	12.3	69.2	71.2	0.014
16X0.4	23/0.15	0.5	0.20	0.8	10.5	13.1	48.2	49.6	0.013
16X0.5	16/0.20	0.5	0.21	1.0	10.7	12.7	39.0	40.1	0.013
16x0.75	24/0.20	0.5	0.21	1.2	12.4	14.6	26.0	26.7	0.011
16X1.0	32/0.20	0.6	0.21	1.2	14.5	16.8	19.5	20.0	0.010
16X1.5	30/0.25	0.6	0.21	1.2	15.6	17.8	13.3	13.7	0.010
16X2.5	50/0.25	0.7	0.21	1.4	20.0	22.5	4.95	5.09	0.009
19X0.12	7/0.15	0.4	0.20	0.8	8.2	10.3	158	163	0.016
19X0.2	12/0.15	0.4	0.20	0.8	9.0	11.3	92.3	95.0	0.013
19X0.3	16/0.15	0.5	0.20	0.8	10.4	12.9	69.2	71.2	0.014
19X0.4	23/0.15	0.5	0.20	1.0	11.5	14.2	48.2	49.6	0.013

Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire(mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Lower	Upper	Copper	TC	
20x0.12	7/0.15	0.4	0.16	0.8	7.4	9.4	158	163	0.016
20x0.2	12/0.15	0.4	0.16	0.8	9.8	11.8	92.3	95.0	0.013
20x0.3	16/0.15	0.5	0.16	0.8	10.6	12.2	69.2	71.2	0.014
20x0.4	23/0.15	0.5	0.16	1.0	11.6	13.8	48.2	49.6	0.013
20x0.5	16/0.20	0.5	0.21	1.0	12.5	14.6	39.0	40.1	0.013
24x0.12	7/0.15	0.4	0.20	0.8	9.4	11.7	158	163	0.016
24x0.2	12/0.15	0.4	0.20	0.8	10.4	12.9	92.3	95.0	0.013
24x0.3	16/0.15	0.5	0.20	1.0	12.4	14.4	69.2	71.2	0.014
24x0.4	23/0.15	0.5	0.20	1.0	13.2	16.4	48.2	49.6	0.013
26x0.12	7/0.15	0.4	0.21	0.8	9.0	11.0	158	163	0.016
26x0.2	12/0.15	0.4	0.21	0.8	9.6	11.8	92.3	95.0	0.013
26x0.3	16/0.15	0.5	0.21	1.0	10.0	12.2	69.2	71.2	0.014
26x0.4	23/0.15	0.5	0.21	1.0	13.0	15.6	48.2	49.6	0.013
26x0.5	16/0.20	0.5	0.21	1.0	14.4	16.6	39.0	40.1	0.013

RVSV Flexible Twisted Electric Cable



Standards

Reference Standard: JB/T8734.3-2012
Rated Voltage: 300/300V
Rated Temperature: 70°C



Applications

Applied to intelligent building automation control system, alarm system, smart home system, and equipment requiring Shielded functions.

Characteristics

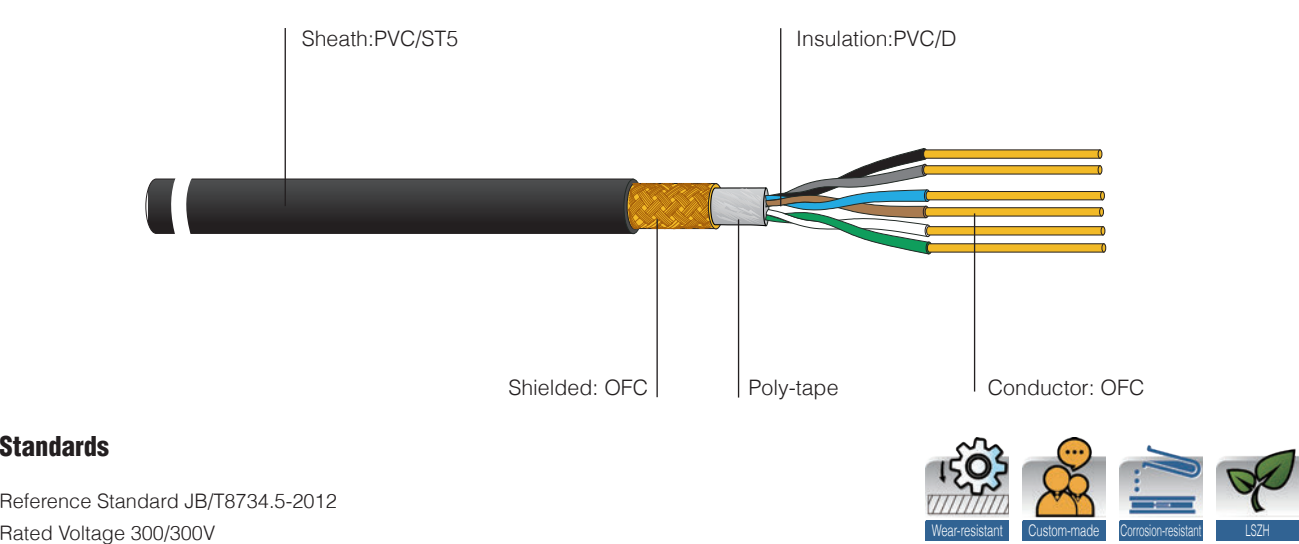
- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation material for high-quality PVC, anti-aging and wear resistant, other characteristics can be customized, like water-blocking, oil, corrosion resistant, non-toxic, etc.
- 5.100m/200m/300m per roll or custom-made

RVSV 300/300V							
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C (Ω.km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
1X2X0.12	7/0.15	0.4	0.6	3.8	158	163	0.016
1X2X0.2	12/0.15	0.4	0.6	4.1	92.3	95.0	0.014
1X2X0.3	16/0.15	0.5	0.6	4.7	69.2	71.2	0.014
1X2X0.4	23/0.15	0.5	0.6	5.0	48.2	49.6	0.013
1X2X0.5	16/0.15	0.5	0.6	5.1	39.0	40.1	0.012
1X2X0.75	24/0.20	0.5	0.6	5.6	26.0	26.7	0.010
1X2X1.0	32/0.20	0.6	0.6	6.3	19.5	20.0	0.010
1X2X1.5	30/0.25	0.7	0.8	7.7	13.3	13.7	0.010
1X2X2.5	50/0.25	0.7	0.8	8.5	7.98	8.21	0.008
2X2X0.12	7/0.15	0.4	0.6	4.7	158	163	0.016
2X2X0.2	12/0.15	0.4	0.7	5.3	92.3	95.0	0.014

Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C (Ω.km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
2X2X0.3	16/0.15	0.50	0.7	6.0	69.2	71.2	0.014
2X2X0.4	23/0.15	0.50	0.8	6.6	48.2	49.6	0.013
2X2X0.5	16/0.20	0.50	0.8	6.9	39.0	40.1	0.012
2X2X0.75	24/0.20	0.50	0.9	7.6	26.0	26.7	0.01
2X2X1.0	32/0.20	0.60	1.0	8.8	19.5	20.0	0.01
2X2X1.5	30/0.25	0.60	1.1	9.8	13.3	13.7	0.009
2X2X2.5	50/0.25	0.70	1.3	11.9	7.98	8.21	0.008
3X2X0.12	7/0.15	0.40	0.6	5.4	158	163	0.016
3X2X0.2	12/0.15	0.40	0.7	6.1	92.3	95.0	0.014
3X2X0.3	16/0.15	0.50	0.8	7.3	69.2	71.2	0.014
3X2X0.4	23/0.15	0.50	0.8	7.7	48.2	49.6	0.013
3X2X0.5	16/0.20	0.50	0.8	8.0	39.0	40.1	0.012
3X2X0.75	24/0.20	0.50	0.9	8.9	26.0	26.7	0.010
3X2X1.0	32/0.20	0.60	1.0	10.3	19.5	20.0	0.010
3X2X1.5	30/0.25	0.60	1.1	11.4	13.3	13.7	0.009
3X2X2.5	50/0.25	0.70	1.4	14.2	7.98	8.21	0.008
4X2X0.12	7/0.15	0.40	0.7	6.3	158	163	0.016
4X2X0.2	12/0.15	0.40	0.7	6.8	92.3	95.0	0.014
4X2X0.3	16/0.15	0.50	0.8	8.1	69.2	71.2	0.014
4X2X0.4	23/0.15	0.50	0.8	8.7	48.2	49.6	0.013
4X2X0.5	16/0.20	0.50	0.9	9.2	39.0	40.1	0.012
4X2X0.75	24/0.20	0.50	1.0	10.2	26.0	26.7	0.010
4X2X1.0	32/0.20	0.60	1.1	11.8	19.5	20.0	0.010
4X2X1.5	30/0.25	0.60	1.2	13.1	13.3	13.7	0.009
4X2X2.5	50/0.25	0.80	1.5	17.9	7.98	8.21	0.008
5X2X0.12	7/0.15	0.40	0.7	6.8	158	163	0.016
5X2X0.2	12/0.15	0.40	0.8	7.6	92.3	95	0.014
5X2X0.3	16/0.15	0.50	0.9	9.1	69.2	71.2	0.014
5X2X0.4	23/0.15	0.50	0.9	9.7	48.2	49.6	0.013
5X2X0.5	16/0.20	0.50	0.9	10.1	39.0	40.1	0.012
5X2X0.75	24/0.20	0.50	1.0	11.2	26.0	26.7	0.01

Cores×CSA (mm ²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C (Ω.km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
5X2X1.0	32/0.20	0.60	1.2	13.1	19.5	20.0	0.010
5X2X1.5	30/0.25	0.60	1.3	14.5	13.3	13.7	0.009
5X2X2.5	50/0.25	0.70	1.6	17.8	7.98	8.21	0.008
6X2X0.12	7/0.15	0.40	0.7	7.3	158	163	0.016
6X2X0.2	12/0.15	0.40	0.8	8.2	92.3	95.0	0.014
6X2X0.3	16/0.15	0.50	0.9	9.8	69.2	71.2	0.014
6X2X0.4	23/0.15	0.50	1.0	10.6	48.2	49.6	0.013
6X2X0.5	16/0.20	0.50	1.0	11.0	39.0	40.1	0.012
6X2X0.75	24/0.20	0.50	1.1	12.2	26.0	26.7	0.010
6X2X1.0	32/0.20	0.60	1.3	14.4	19.5	20.0	0.010
6X2X1.5	30/0.25	0.60	1.5	16.0	13.3	13.7	0.009
6X2X2.5	50/0.25	0.70	1.8	19.6	7.98	8.21	0.008
7X2X0.12	7/0.15	0.40	0.7	7.8	158	163	0.016
7X2X0.2	12/0.15	0.40	0.8	8.7	92.3	95.0	0.014
7X2X0.3	16/0.15	0.50	0.9	10.4	69.2	71.2	0.014
7X2X0.4	23/0.15	0.50	1.0	11.3	48.2	49.6	0.013
7X2X0.5	16/0.20	0.50	1.0	11.8	39.0	40.1	0.012
7X2X0.75	24/0.20	0.50	1.1	13.0	26.0	26.7	0.010
7X2X1.0	32/0.20	0.60	1.3	15.3	19.5	20.0	0.010
7X2X1.5	30/0.25	0.60	1.5	17.1	13.3	13.7	0.009
7X2X2.5	50/0.25	0.70	1.8	20.9	7.98	8.21	0.008
8X2X0.12	7/0.15	0.40	0.8	8.4	158	163	0.016
8X2X0.20	12/0.15	0.40	0.9	9.4	92.3	95.0	0.014
8X2X0.30	16/0.15	0.50	1.0	11.2	69.2	71.2	0.014
8X2X0.40	23/0.15	0.50	1.0	11.9	48.2	49.6	0.013
8X2X0.50	16/0.20	0.50	1.1	12.6	39.0	40.1	0.012
8X2X0.75	24/0.20	0.50	1.2	14.0	26.0	26.7	0.010
8X2X1.0	32/0.20	0.60	1.4	16.4	19.5	20.0	0.010
8X2X1.5	30/0.25	0.60	1.6	18.2	13.3	13.7	0.009
8X2X2.5	50/0.25	0.70	1.8	22.1	7.98	8.21	0.008

RVSVP Flexible Twisted Shielded Electric Cable



Standards

Reference Standard JB/T8734.5-2012
Rated Voltage 300/300V

Applications

Applied to intelligent building automation control system, alarm system, smart home system, and equipment requiring Shielded functions.

Characteristics

- 1.Max. Operating Temp: 70°C
- 2.Min. Ambient Temperature during Installation: 0°C
- 3.Min. Bending Radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 4.Insulation and sheath material for high-quality PVC, anti-aging, wear resistant, other characteristics can be customized, like low temperature, waterblocking, oil, corrosion resistant, non-toxic, etc.
- 5.200m/500m per roll or custom-made

RVSVP 300/300V							
Cores×CSA(mm ²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom.Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C(Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
1X2X0.12	7/0.15	0.40	0.6	4.1±0.2	158	163	0.016
1X2X0.2	12/0.15	0.40	0.6	4.5±0.2	92.3	95.0	0.014
1X2X0.3	16/0.15	0.50	0.6	5.1±0.2	69.2	71.2	0.014
1X2X0.4	23/0.15	0.50	0.6	5.3±0.2	48.2	49.6	0.013
1X2X0.5	16/0.20	0.50	0.6	5.4±0.2	39.0	40.1	0.012
1X2X0.75	24/0.20	0.50	0.6	5.9±0.2	26.0	26.7	0.010
1X2X1.0	32/0.20	0.60	0.60	6.7±0.2	19.5	20.0	0.010
1X2X1.5	30/0.25	0.60	0.80	7.9±0.2	13.3	13.7	0.009
1X2X2.5	50/0.25	0.70	1.00	9.7±0.2	7.98	8.21	0.008

Cores×CSA(mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom.Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C(Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
2X2X0.12	7/0.15	0.40	0.6	5.3±0.3	158	163	0.016
2X2X0.2	12/0.15	0.40	0.70	6.2±0.2	92.3	95.0	0.014
2X2X0.3	16/0.15	0.50	0.80	7.4±0.2	69.2	71.2	0.014
2X2X0.4	23/0.15	0.50	0.80	7.7±0.2	48.2	49.6	0.013
2X2X0.5	16/0.20	0.50	0.80	8.0±0.2	39.0	40.1	0.012
2X2X0.75	24/0.20	0.50	0.90	9.1±0.2	26.0	26.7	0.010
2X2X1.0	32/0.20	0.60	1.00	10.6±0.2	19.5	20.0	0.010
2X2X1.5	30/0.25	0.60	1.10	12.3±0.2	13.3	13.7	0.009
2X2X2.5	50/0.25	0.70	1.3	15.3±0.2	7.98	8.21	0.008
3X2X0.12	7/0.15	0.40	0.7	5.8±0.2	158	163	0.016
3X2X0.2	12/0.15	0.40	0.7	6.6±0.2	92.3	95.0	0.014
3X2X0.3	16/0.15	0.50	0.8	7.8±0.2	69.2	71.2	0.014
3X2X0.4	23/0.15	0.50	0.8	8.1±0.2	48.2	49.6	0.013
3X2X0.5	16/0.20	0.50	0.9	8.7±0.2	39.0	40.1	0.012
3X2X0.75	24/0.20	0.50	0.9	9.6±0.2	26.0	26.7	0.010
3X2X1.0	32/0.20	0.60	1.0	11.2±0.2	19.5	20.0	0.010
3X2X1.5	30/0.25	0.60	1.2	13.2±0.2	13.3	13.7	0.009
3X2X2.5	50/0.25	0.70	1.4	16.5±0.2	7.98	8.21	0.008
4X2X0.12	7/0.15	0.40	0.7	6.2±0.2	158	163	0.016
4X2X0.2	12/0.15	0.40	0.8	7.3±0.2	92.3	95.0	0.014
4X2X0.3	16/0.15	0.50	0.8	8.5±0.2	69.2	71.2	0.014
4X2X0.4	23/0.15	0.50	0.9	9.0±0.2	48.2	49.6	0.013
4X2X0.5	16/0.20	0.50	0.9	9.4±0.2	39.0	40.1	0.012
4X2X0.75	24/0.20	0.50	1.0	10.7±0.2	26.0	26.7	0.010
4X2X1.0	32/0.20	0.60	1.1	12.5±0.2	19.5	20.0	0.010
4X2X1.5	30/0.25	0.60	1.3	14.7±0.2	13.3	13.7	0.009
4X2X2.5	50/0.25	0.70	1.5	18.3±0.2	7.98	8.21	0.008
5X2X0.12	7/0.15	0.40	0.7	6.8±0.2	158	163	0.016
5X2X0.2	12/0.15	0.40	0.8	8.0±0.2	92.3	95.0	0.014
5X2X0.3	16/0.15	0.50	0.9	9.4±0.2	69.2	71.2	0.014
5X2X0.4	23/0.15	0.50	0.9	9.8±0.2	48.2	49.6	0.013
5X2X0.5	16/0.20	0.50	1.0	10.5±0.5	39.0	40.1	0.012
5X2X0.75	24/0.20	0.60	1.1	11.9±0.6	26.0	26.7	0.010
5X2X1.0	32/0.20	0.60	1.2	13.8±0.7	19.5	20.0	0.010
5X2X1.5	30/0.25	0.70	1.4	16.2±0.8	13.3	13.7	0.009

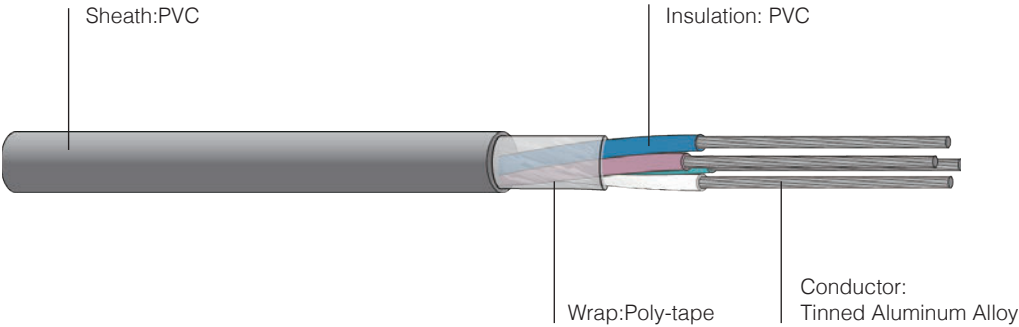
Cores×CSA(mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom.Sheath Thickness (mm)	Avg. O.D. (mm)	Max. Conductor Resistance at 20°C(Ω/km)		Min. Insulation Resistance at 70°C (MΩ/km)
					Copper	TC	
5X2X2.5	50/0.25	0.70	1.7	20.4±0.2	7.98	8.21	0.008
6X2X0.12	7/0.15	0.40	0.8	7.5±0.2	158	163	0.016
6X2X0.2	12/0.15	0.40	0.9	8.8±0.2	92.3	95.0	0.014
6X2X0.3	16/0.15	0.50	1.0	10.4±0.2	69.2	71.2	0.014
6X2X0.4	23/0.15	0.50	1.0	10.9±0.2	48.2	49.6	0.013
6X2X0.5	16/0.20	0.50	1.1	11.6±0.2	39.0	40.1	0.012
6X2X0.75	24/0.20	0.50	1.2	13.1±0.2	26.0	26.7	0.010
6X2X1.0	32/0.20	0.60	1.3	15.3±0.2	19.5	20.0	0.010
6X2X1.5	30/0.25	0.60	1.5	17.9±0.2	13.3	13.7	0.009
6X2X2.5	50/0.25	0.70	1.8	22.5±0.2	7.98	8.21	0.008
7X2X0.12	7/0.15	0.40	0.8	7.5±0.2	158	163	0.016
7X2X0.2	12/0.15	0.40	0.9	8.8±0.2	92.3	95.0	0.014
7X2X0.3	16/0.15	0.50	1.0	10.4±0.2	69.2	71.2	0.014
7X2X0.4	23/0.15	0.50	1.0	10.9±0.2	48.2	49.6	0.013
7X2X0.5	16/0.20	0.50	1.1	11.6±0.2	39.0	40.1	0.012
7X2X0.75	24/0.20	0.50	1.2	13.1±0.2	26.0	26.7	0.010
7X2X1.0	32/0.20	0.60	1.3	15.3±0.2	19.5	20.0	0.010
7X2X1.5	30/0.25	0.60	1.5	17.9±0.2	13.3	13.7	0.009
7X2X2.5	50/0.25	0.70	1.8	22.5±0.2	7.98	8.21	0.008
8X2X0.12	7/0.15	0.40	0.8	8.0±0.2	158	163	0.016
8X2X0.20	12/0.15	0.40	0.9	9.5±0.2	92.3	95.0	0.014
8X2X0.30	16/0.15	0.50	1.0	11.2±0.2	69.2	71.2	0.014
8X2X0.40	23/0.15	0.50	1.1	11.9±0.2	48.2	49.6	0.013
8X2X0.50	16/0.20	0.50	1.1	12.5±0.2	39.0	40.1	0.012
8X2X0.75	24/0.20	0.50	1.2	14.1±0.2	26.0	26.7	0.010
8X2X1.0	32/0.20	0.60	1.4	16.7±0.2	19.5	20.0	0.010
8X2X1.5	30/0.25	0.60	1.6	19.5±0.2	13.3	13.7	0.009
8X2X2.5	50/0.25	0.70	1.8	24.3±0.2	7.98	8.21	0.008



02

Security Cable

AFTCA RVV



Standards

Reference Standard: Q31/0115000752C003-2017
Rated Voltage: 300/300V,300/500V

Applications

Applied to alarm system, building intercom system, electronic inspection system, parking safety management system, vandal-proof safety inspection system and the cables Applied to those combination systems and security systems.

Characteristics

Conductor: Tinned Aluminum Alloy
Insulation: PVC
Sheath: PVC
Max. Operating Temp: 70°C
Min. Ambient Temperature during Installation: 0°C
Conductor material applied tin oxidation process, with corrosion-resistant and easy to welded.

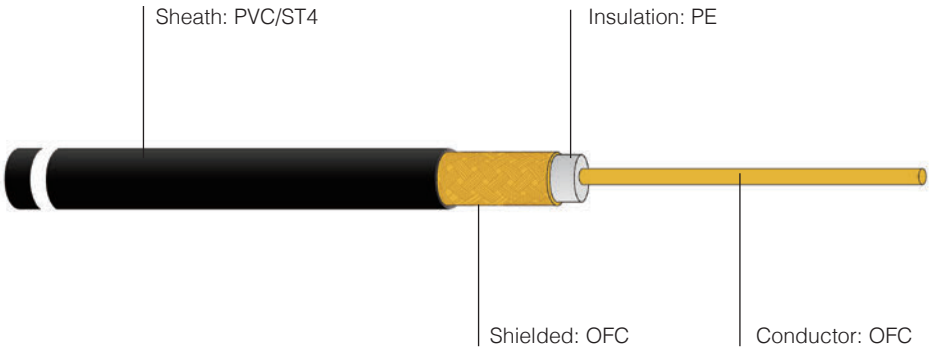
Parameter					
Specification	Conductor Structure (NO./mm)	Insulation Thickness (mm)	Sheath Thickness(mm)	Diameter (mm)	Mini Insulation Resistance at 70°C (MΩ/km)
2x0.5	16/0.20	0.5	0.6	5.1	0.012
2x0.75	24/0.20	0.6	0.8	6.5	0.011
2x1.0	32/0.20	0.6	0.8	6.8	0.010
2x1.5	30/0.25	0.7	0.8	7.8	0.010
2x2.5	49/0.25	0.8	1.0	9.5	0.009
3x0.5	16/0.20	0.5	0.6	5.4	0.012
3x0.75	24/0.20	0.6	0.8	6.9	0.011
3x1.0	32/0.20	0.6	0.8	7.3	0.010
3x1.5	30/0.25	0.7	0.9	8.5	0.010
3x2.5	49/0.25	0.8	1.1	10.3	0.009
4x0.5	16/0.20	0.5	0.8	7.2	0.012
4x0.75	24/0.20	0.6	0.8	7.5	0.011
4x1.0	32/0.20	0.6	0.9	8.1	0.010
4x1.5	30/0.25	0.7	1.0	9.5	0.010
4x2.5	49/0.25	0.8	1.1	11.2	0.009
6x0.5	16/0.20	0.5	0.8	7.2	0.009

Mark: Max section area 0.75mm types cable can applied security and alarm systems.

Security Cable - Voltage Drop Parameter (Type: AFTCA RVV Specification: 2X1)			
Current	Length of Cable (M)	Input Voltage (V)	Output Voltage (V)
1A	40	13.5	11
1A	50	14	11
1A	60	14.5	11
1A	70	15	11
1A	80	15.5	11
1A	90	16	11



SYV50 50Ω RG Solid PE Insulated, PVC Sheathed Coaxial Cable



Standards

Reference Standard: GB/T14864-2013
Min. Bending Radius: 6 x cable O.D. (fixed installation), 15 x cable O.D. (movable installation)
Operating Temperature: -15 °C to 70 °C



Applications

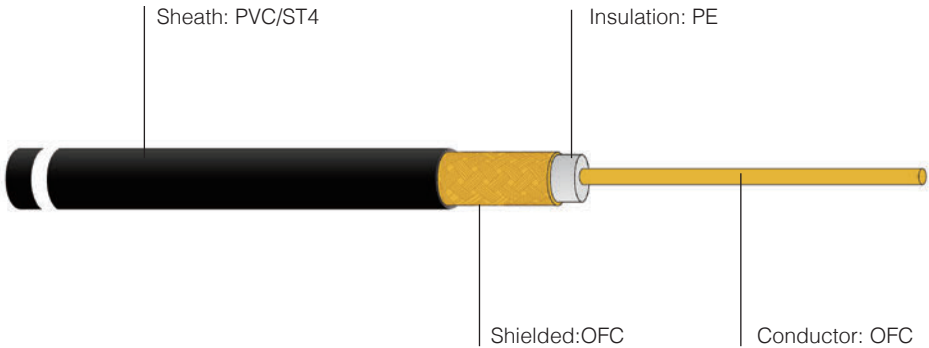
Applied to high-rate signal transmission of which the frequency is below 1MHz and for broadcast signal control, public television antenna, radio communication signal transmission and one-way control or internal wiring for high-frequency machine.

Characteristics

- 1. Conductor with high purity oxygen-free copper, low signal transmission attenuation.
- 2. Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3. Characteristic Impedance: 50 ± 2Ω
- 4. High-quality PVC sheathed, anti-aging, wear resistant, flexible and strength.
- 5. Operating temperature range: -15 °C to 70 °C
- 6. 200m / 300m per roll or custom length

SYV 50Ω RG Coaxial Cable												
Item No.	Inner Conductor (mm)			Insulation Thickness (mm)		Outer Conductor (mm)			Attenuation at 20°C		Insulation Resistance(MΩ/km)	
	Material	No.xDia.	Nom. O.D.	Min.	O.D.	Material	Thickness (mm)		O.D.	Freq Mhz		Max. (dB/m)
							Nom.	Min.				
SYV50-2	CU	7×0.16mm	0.48	0.44	1.5±0.10	PVC	0.43	0.30	2.8±0.2	200	0.450	5000
SYV50-2	CCS	7×0.16mm	0.48	0.44	1.5±0.10		0.43	0.30	2.8±0.2		0.450	
SYV50-3	CU	7×0.32mm	0.96	0.80	2.95±0.13		0.75	0.58	5.0±0.2		0.240	
SYV50-3	CU	1×0.90mm	0.90	0.85	2.95±0.13		0.75	0.58	5.0±0.2		0.220	
SYV50-5	CU	1×1.4mm	1.40	1.30	4.8±0.20		0.88	0.69	7.2±0.3		0.150	
SYV50-7	CU	7×0.75mm	2.25	2.00	7.25±0.25		1.05	0.85	10.±0.3		0.110	
SYV50-9	CU	7×0.95mm	2.82	2.60	9.0±0.30		1.18	0.96	12.2±0.4		0.092	
SYV50-12	CU	7×1.15mm	3.45	3.50	11.5±0.30		1.30	1.00	15.0±0.4		0.080	
SYV50-15	CU	7×1.54mm	4.62	4.40	15.0±0.40		1.60	1.34	19.0±0.5		0.065	
SYV50-17	CU	1×5.0mm	5.00	5.50	17.3±0.40		1.85	1.55	22.0±0.5		0.056	
SYV50-17	CU	19×1.04mm	5.20	5.20	17.3±0.40		1.80	1.50	22.0±0.5		0.056	

SYV75 75Ω Solid PE Insulated Coaxial Cable



Standards

Reference Standard: GB/T14864-2013
Min. Bending Radius: 6 times cable O.D. (fixed installation), 15 times cable O.D. (mobile installation)
Operating Temperature: -15 °C to 70 °C



Applications

Applied to analog signal transmission of CCTV, video conference, video intercom systems and others.

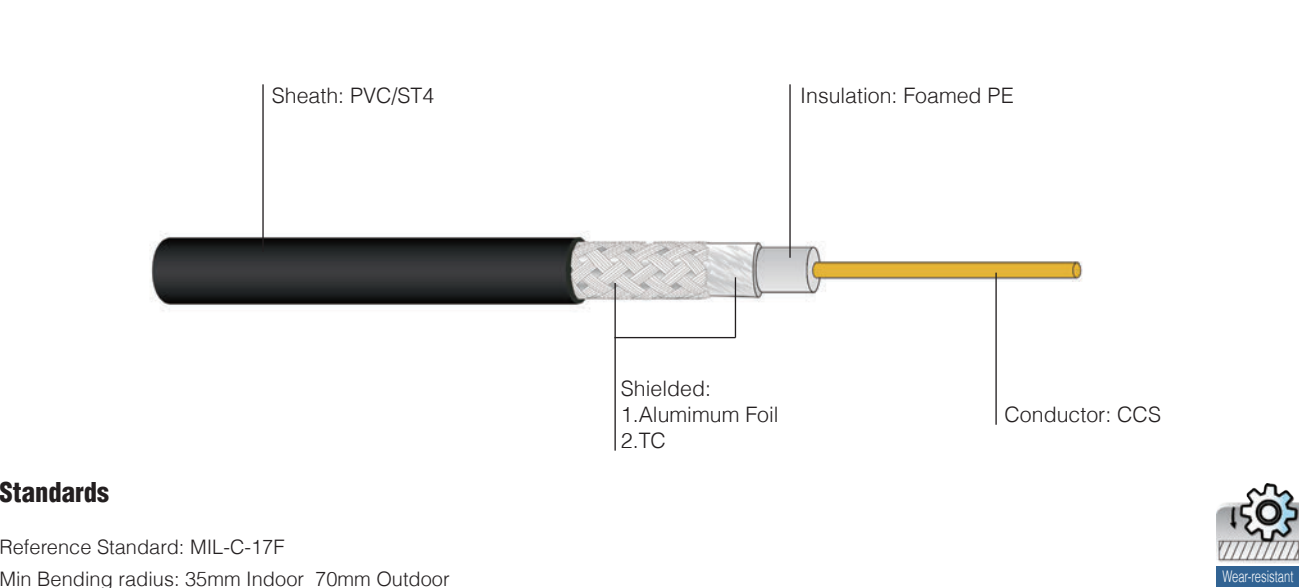
Characteristics

- 1. Conductor with high purity oxygen-free copper, low signal transmission attenuation.
- 2. Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3. Characteristic Impedance: 75 ± 3Ω
- 4. High-quality PVC sheathed, anti-aging, wear resistant, flexible and strength
- 5. Operating temperature range: -15 to 70 °C
- 6. 200m / 300m per roll or custom length.

SYV 75Ω Coaxial Cable												
Item No.	Inner Conductor (mm)			Insulation Thickness (mm)		Outer Conductor (mm)			Attenuation at 20°C		Insulation Resistance(MΩ/km)	
	Material	No.xDia.	Nom. O.D.	Min.	O.D.	Material	Thickness (mm)		O.D.	Freq Mhz		Max. (dB/m)
							Nom.	Min.				
SYV75-3	CU	7/0.17mm	0.51	1.05	3.0±0.13	PVC	0.66	0.45	5.0±0.25	200	0.280	5000
SYV75-4	CCS	7/0.21mm	0.63	1.25	3.7±0.13		0.85	0.65	6.0±0.20		0.950	
SYV75-4	CU	1/0.59mm	0.59	1.25	3.7±0.13		0.80	0.6	6.0±0.20		0.190	
SYV75-5	CU	1/0.75mm	0.75	1.60	4.8±0.20		0.92	0.74	7.2±0.20		0.150	
SYV75-7	CU	7/0.4mm	1.20	2.40	7.25±0.25		1.05	0.85	10.3±0.30		0.120	
SYV75-7	CU	1/1.15mm	1.15	2.50	7.25±0.25		1.05	0.85	10.3±0.30		0.100	
SYV75-9	CU	1/1.37mm	1.37	3.20	9.0±0.30		1.18	0.96	12.2±0.40		0.088	
SYV75-12	CU	7/0.63mm	1.89	3.80	11.5±0.30		1.30	1.00	15.0±0.40		0.080	
SYV75-17	CU	7/0.95mm	2.85	6.40	17.3±0.40		1.80	1.50	22.0±0.50		0.053	
SYV75-17	CU	1/2.7mm	2.70	6.60	17.3±0.40		1.85	1.55	22.7±0.50		0.059	

SYV 75Ω Coaxial Cable					
Model	Rated Capacitance (pF/m)	Velocity	Max. AC Voltage (kv)	Min. Bending Radius (cm)	
				Indoor Installation	Outdoor Installation
SYV-75-3-41	67	0.66	2	2.5	5
SYV-75-4-1	67	0.66	2.6	3	6
SYV-75-4-2	67	0.66	2.6	4	8
SYV-75-4-3	67	0.66	2.6	3	6
SYV-75-4-4	67	0.66	2.6	3	6
SYV-75-5-4	67	0.66	3.4	3.5	7
SYV-75-5-5	67	0.66	3.4	4	8
SYV-75-5-41	67	0.66	3.4	3.5	7
SYV-75-5-42	67	0.66	3.4	4	8
SYV-75-7-1	67	0.66	5	5	10
SYV-75-7-2	67	0.66	5	5	10
SYV-75-7-3	67	0.66	5	6	12
SYV-75-7-4	67	0.66	5	5	10

RG59 75Ω CCS Conductor PE Insulated Coaxial Cable



Standards

Reference Standard: MIL-C-17F
Min Bending radius: 35mm Indoor 70mm Outdoor
Operating temperature: -15 °C to 70 °C

Applications

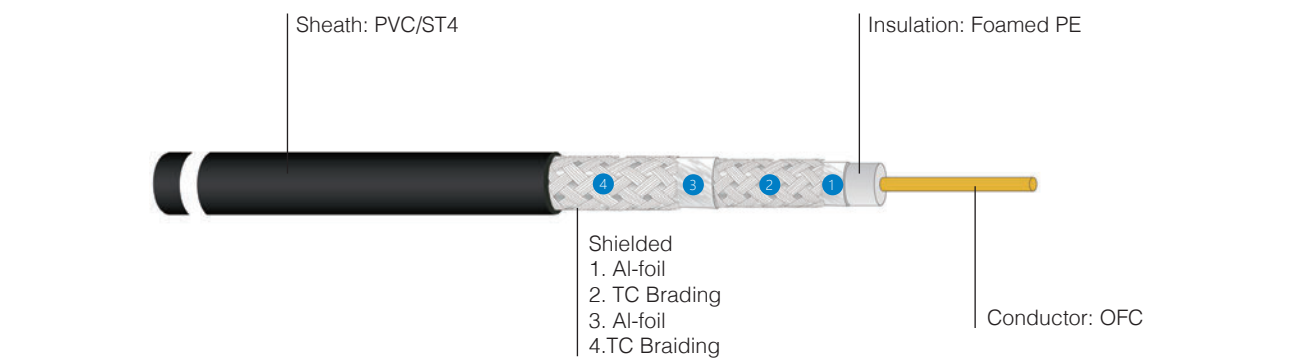
Applied to analog signal transmission with coaxial and fiber optic hybrid network and use with all types of connectors in North America.

Characteristics

- 1.Conductor with high purity oxygen-free copper, low signal transmission attenuation.
- 2.Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3.High-quality PVC sheathed, anti-aging, wear resistant, flexible and strength
- 4.Operating temperature range: -15 °C to 70 °C
- 5.200m / 300m per roll or custom-made

RG59 75Ω CCS Conductor Coaxial Cable									
Model	Inner Conductor		Insulation		Sheath		Characteristic Impedance Ω	Electrostatic capacitance pf/m	Attenuation @100MHz dB/km
	Material	No. X Dia. (NO.mm)	Material	O.D. (mm)	O.D. (mm)	Material			
RG-58A/U	TC	19×0.18	LDPE	2.95	4.95±0.15	PVC	50±3	93.5	174
RG-58C/U	TC	19×0.18	LDPE	2.95	4.95±0.15	NC PVC	50±3	93.5	174
RG-59/U	CCS	1×0.643	LDPE	3.71	6.15±0.15	PVC	73±3	68.9	125
RG-59A/U	CCS	1×0.643	LDPE	3.71	6.15±0.15	NC PVC	73±3	68.9	125
RG-59B/U	CCS	1×0.584	LDPE	3.71	6.15±0.15	NC PVC	73±3	68.9	112
RG-6/U	CCS	1×1.024	LDPE	4.57	7.4±0.2	PVC	75±3	56.8	69
RG-11/U	TV	7×0.404	LDPE	7.24	10.3±0.2	PVC	75±3	67.3	76
RG-34B/U	BC	7×0.632	LDPE	11.70	16±0.25	NC PVC	75±3	67	48
RG-58/U	BC	1×0.813	LDPE	2.95	4.95±0.15	PVC	53.5±3	93.5	138
RG-8/U	BC	7×0.724	LDPE	7.24	52±3	PVC	52±3	96.8	69
RG-213/U	BC	7×0.752	LDPE	7.24	10.3±0.2	NC PVC	50±3	100	69

SYWV-75 75Ω Television Distribution System Use Coaxial Cable



Standards

Reference Standard: SJ/T11138.3-1997 GY/T135-1998
Min Bending radius: 35mm Indoor 70mm Outdoor
Operating temperature: -15 °C to 70 °C

Applications

Applied to 1GHz or lower closed-circuit television system, public television antenna system, cable television system and other electronic devices.

Characteristics

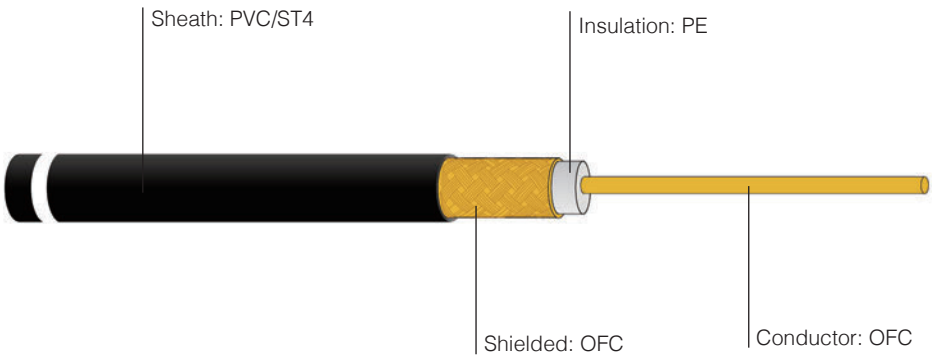
- 1.Conductor with high purity oxygen-free copper, lower attenuation impedance and more excellent conduction.
- 2.Shielded with double aluminum foil , fully isolating EMI / RFI and other clutter signal interference.
- 3.Double-layer tinned copper high-density braiding, strengthening the isolation of signal interference.
- 4.Foam polyethylene insulation.
- 5.Anti-oxidated PVC sheath, wear resistant, anti-interference, flexible, environmental friendly, compliant with ROHS.
- 6.Characteristic Impedance:75 ohm
- 7.Bandwidth: 1000MHz
- 8.200m / 300m per roll or custom-made

SYWV-75								
Model	Inner Conductor No./mm	Insulation (mm)		Shielded		Sheath (mm)		Package (m)
		Thickness	O.D.	Braid	Coverage	Thickness	O.D.	
SYWV75-5	1/1.02	1.2	4.8±0.20	64	40%	0.88	7.2±0.30	200/300
				96	60%	0.88	7.2±0.30	
				128	70%	0.88	7.2±0.30	
SYWV75-6	1/1.25	1.8	5.6±0.20	64	43%	0.92	7.8±0.30	200/300
				80	53%	0.92	7.8±0.30	
				96	59%	0.92	7.8±0.30	
SYWV75-7	1/1.66	2.0	7.25±0.25	96	45%	1.05	10.3±0.30	200/300
				128	55%	1.05	10.3±0.30	
				144	60%	1.05	10.3±0.30	
				176	70%	1.05	10.3±0.30	

SYWV75-9	1/2.15	2.0	9.0±0.25	96	40%	1.15	12.3±0.30	200/300
				128	50%	1.15	12.3±0.30	
				160	60%	1.15	12.3±0.30	
				192	75%	1.15	12.3±0.30	
SYWV75-12	1/2.77	3.2	11.5±0.25	128	40%	1.3	15.1±0.30	200/300
				160	50%	1.3	15.1±0.30	
				192	70%	1.3	15.1±0.30	

Parameter							
Item	Core Dielectric	Insulation Resistance	Sheath Dielectric	Characteristic Impedance	Attenuation at 20°C	Return Loss	Shielded Attenuation
Test	40-60Hz , 1min	500V (DC) 20°C	40-60Hz Spark Test	200MHz			
Unit	KV	MΩ.km	KV	Ω	dB/100m	dB	dB
SYWV-75-5	≥ 1.2	≥ 5000	≥ 3.0	75±3	5MHz ≤ 2.2	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 4.8		50MHz ≥ 60
					200MHz ≤ 9.7		200MHz ≥ 70
					550MHz ≤ 16.8		550MHz ≥ 70
					800MHz ≤ 20.3		800MHz ≥ 70
					1000MHz ≤ 24.2		
SYWV-75-6	≥ 1.2	≥ 5000	≥ 3.0	75±3	5MHz ≤ 1.8	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 3.8		50MHz ≥ 60
					200MHz ≤ 7.7		200MHz ≥ 70
					550MHz ≤ 13.4		550MHz ≥ 70
					800MHz ≤ 16.3		800MHz ≥ 70
					1000MHz ≤ 18.2		
SYWV-75-7	≥ 1.0	≥ 5000	≥ 5.0	75±2.5	5MHz ≤ 1.5	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 3.2		50MHz ≥ 60
					200MHz ≤ 6.4		200MHz ≥ 70
					550MHz ≤ 10.7		550MHz ≥ 70
					800MHz ≤ 13.3		800MHz ≥ 70
					1000MHz ≤ 15.1		
SYWV-75-9	≥ 1.0	≥ 5000	≥ 3.0	75±2.5	5MHz ≤ 1.2	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 2.4		50MHz ≥ 60
					200MHz ≤ 5.0		200MHz ≥ 70
					550MHz ≤ 8.5		550MHz ≥ 70
					800MHz ≤ 10.4		800MHz ≥ 70
					1000MHz ≤ 11.9		
SYWV-75-12	≥ 1.6	≥ 5000	≥ 5.0	75±2	5MHz ≤ 0.7	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 1.9		50MHz ≥ 60
					200MHz ≤ 3.9		200MHz ≥ 70
					550MHz ≤ 6.7		550MHz ≥ 70
					800MHz ≤ 8.2		800MHz ≥ 70
					1000MHz ≤ 9.5		

3C-2V JIS 75Ω Coaxial Cable



Standards

Reference Standard: JIS C 3501
Min Bending radius: 6 x cable O.D. (fixed installation), 15 x cable O.D. (movable installation)
Operating temperature: -15 °C to 70 °C



Applications

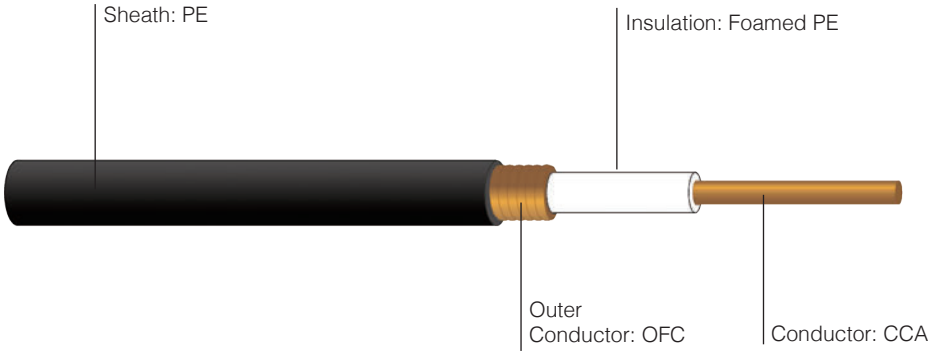
Applied to video surveillance system and other electronic circuit, audio and video equipment connection, video signal transmission of which the operating frequency reach 10MHz.

Characteristics

- 1.Conductor with high purity oxygen-free copper, low signal transmission attenuation.
- 2.Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3.High-quality PVC sheath, anti-aging, wear resistant, flexible and strength
- 4.Operating temperature range: -15 to 70 °C
- 5.200m / 300m per roll or custom-made

JIS 75Ω Coaxial Cable											
Type	Conductor		Insulation		Braid Shielded		Sheath Thickness		Characteristic Impedance 10MHz(Ω)	Conductor Resistance 20°C MAX MΩ/km	Nom. Atten. 10MHz dB/km
	Material	NO./mm	Material	mm	Material	NO./mm	mm	Nom.O.D			
1.5C-2V	CCS	1/0.26	LDPE	0.67	BC	16/5/0.10	0.4	2.9±0.1	75±3	968	96
2.5C-2V	BC	1/0.40	LDPE	1.00	BC	16/6/0.127	0.5	3.9±0.1	75±3	145	52
3C-2V	BC	1/0.50	LDPE	1.30	BC	16/7/0.127	0.8	5.4±0.15	75±3	91.4	42
5C-2V	BC	1/0.80	LDPE	2.05	BC	16/9/0.14	0.9	7.4±0.15	75±3	35.9	27
7C-2V	BC	7/0.405	LDPE	3.05	BC	24/7/0.18	1	10.3±0.2	75±3	20.7	22
10C-2V	BC	7/0.5	LDPE	3.95	BC	24/9/0.16	1.5	13±0.2	75±3	13.1	18
1.5D-2V	BC	7/0.18	LDPE	0.53	BC	16/5/0.10	0.4	2.9±0.1	50±3	110	85
2.5D-2V	BC	1/0.8	LDPE	0.95	BC	16/7/0.12	0.5	4.3±0.1	50±3	35.9	45
3D-2V	BC	7/0.32	LDPE	1.00	BC	16/6/0.12	0.8	5.3±0.15	50±3	33.3	46
5D-2V	BC	1/1.4	LDPE	1.70	BC	24/7/0.12	0.9	7.3±0.15	50±3	11.7	27
8D-2V	BC	7/0.8	LDPE	2.70	BC	24/8/0.16	1.2	11.1±0.2	50±3	5.13	20
10D-2V	BC	1/2.9	LDPE	3.40	BC	24/10/0.20	1.2	13.1±0.2	50±3	2.67	14

50Ω RF Corrugated Copper Shielded Coaxial Cable



Standards

Reference Standard: YD/T 1092-2004
Min. Bending Radius:8 x cable O.D. (General type), 3 x cable O.D. (Flexible type)
Operating temperature: -15 °C to 70 °C



Applications

For connection between wireless communication equipment and antenna or RF electronics of which operating frequency ranges from 100 to 3000 MHz.

Characteristics

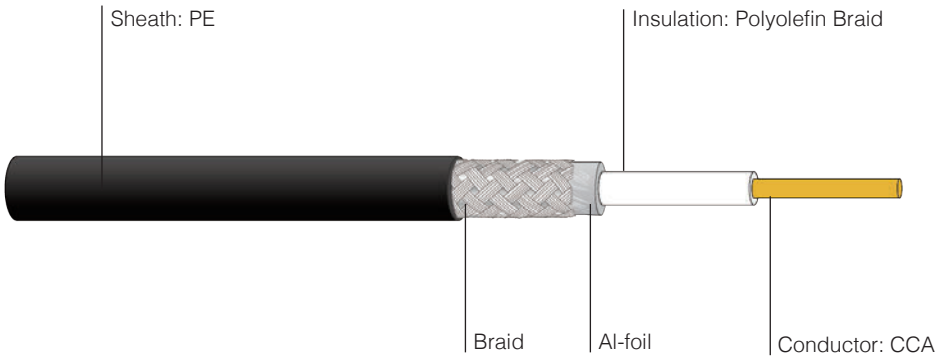
- 1.Conductor with high quality copper clad aluminum / brass, low attenuation impedance, excellent conductive performance.
- 2. The outer conductor adopts copper tube, the structure is stable
- 3. Characteristic impedance:50Ω
- 4. Operating frequency: 100 ~ 3000MHz
- 5. Anti-oxidated quality polyethylene sheath, wear resistant, anti-interference, environmental friendly, compliant with ROHS standards
- 6.200m per roll or custom-made

Parameter					
Model	Common Name	Inner Conductor	Insulation	Outer Conductor	Sheath
HCAAY(Z)-50-8	3/8" Feeder	CCA	Foamed PE	Annular Brass	Y:PE Sheath YZ: LSZH Polyolefin Sheath
HCAHY(Z)-50-9	1/2" Super-soft	CCA		Corrugated Brass	
HCAAY(Z)-50-12	1/2" Feeder	CCA		Annular Brass	
HCTAY(Z)-50-17	5/8" Feeder	Smooth Brass		Annular Brass	
HHTAY(Z)-50-21	7/8" Soft Feeder	Corrugated Brass		Annular Brass	
HCTAY(Z)-50-22	7/8" Feeder	Smooth Brass		Annular Brass	
HCTAY(Z)-50-23	7/8" Low-loss Feeder	Smooth Brass		Annular Brass	
HCTAY(Z)-50-32	1-1/4" Feeder	Smooth Brass		Annular Brass	
HHTAY(Z)-50-42	1-5/8" Feeder	Corrugated Brass		Annular Brass	

Parameter					
Model	Nom. Inner Conductor O.D. (mm)	Nom. Insulation O.D. (mm)	Nom.Outer Conductor O.D. (mm)	Min. Sheath Thickness (mm)	Max. Sheath O.D. (mm)
HCAAY(Z)-50-8	3.1	8	9.50	0.5	11.5
HCAHY(Z)-50-9	3.55	9	12.00	0.5	13.9
HCAAY(Z)-50-12	4.80	12	13.90	0.8	16.4
HCTAY(Z)-50-17	7.00	17	19.70	0.9	22.5
HHTAY(Z)-50-21	9.40	22	24.90	1.0	28.3
HCTAY(Z)-50-22	9.00	22	24.90	1.1	28.8
HCTAY(Z)-50-23	9.45	23	25.40	1.1	29.3
HCTAY(Z)-50-32	13.10	32	35.80	1.2	40.0
HHTAY(Z)-50-42	17.30	42	46.50	1.3	51.0

Parameter	Unit	Frequency (MHz)	Model								
			8	9	12	17	21	22	23	32	42
Capacitance	pF/m	/	76	83	76						
Velocity Speed	%	30~200	88	81	88						
Characteristic Impedance	Ω	150~2500	50±2								
Max. Attenuation (20℃)	db/100m	150	4.58	4.35	3.0	2.02	1.69	1.54	1.45	1.23	1.01
		280	6.35	6.06	4.15	2.81	2.35	2.15	2.02	1.72	1.42
		450	8.16	7.83	5.32	3.64	3.03	2.77	2.60	2.23	1.86
		800	11.13	10.74	7.22	4.99	4.14	3.83	3.57	3.08	2.60
		900	11.86	11.47	7.70	5.33	4.42	4.08	3.81	3.29	2.78
		1500	15.72	15.32	10.16	7.13	5.87	5.47	5.08	4.42	3.77
		1800	17.41	17.02	11.23	7.92	6.51	6.08	5.65	4.93	4.22
		2000	18.48	18.10	11.90	8.42	6.92	6.47	6.00	5.25	4.51
		2400	20.50	20.15	13.17	9.37	7.69	7.20	6.67	5.86	5.06
		3000	23.30	23.01	14.93	10.71	8.76	8.24	7.16	6.72	/
Max. VSWR	Operating Frequency	/	260~300	1.20	1.20	1.20	1.20	1.20	1.15	1.20	1.20
			320~480								
			820~960								
			1400~1650								
			1700~1900								
			1860~2100								
			2100~2250	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
			2300~2500								

SYWV-50 50Ω RF Copper Wire Shielded Coaxial Cable



Standards

Reference Standard: YD/T 1319-2013
Min Bending Radius: 10 x cable O.D.
Operating Temperature: -15 °CC to 70 °C



Applications

Used as antenna, feeder and base station antenna jumper for mobile communication and radio communication, feeder and antenna cable for engine room, military data transmission lines and so on.

Characteristics

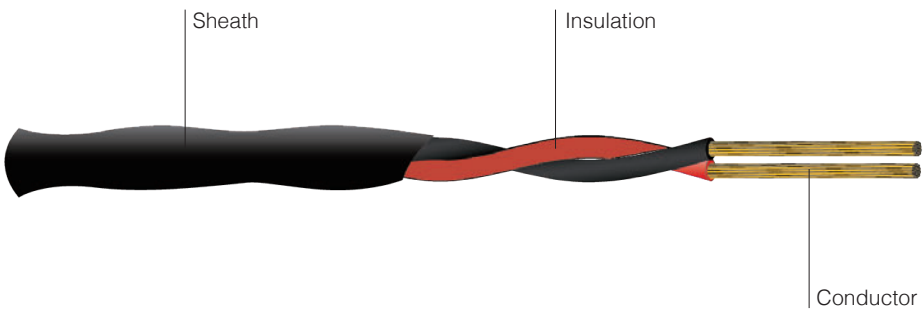
- 1.Inner conductor with copper clad aluminum wire or solid oxygen-free copper wire, lower attenuation resistance and more excellent conduction.
- 2.Outer conductor with aluminum-plastic tape wrapped and tinned copper wire high-density coverage against signal interference effectively.
- 3.Characteristic Impedance: 50 ohm
- 4.Operating frequency: 100-3600MHZ
- 5.Anti-oxidated quality PVC sheath, wear-resistant, anti-interference, flexible, environmental friendly, compliant with ROHS standards

Parameter					
Model	Inner Conductor NO./mm	Insulation Thickness (mm)	Outer Conductor O.D. (mm)	Sheath	
				Min. Thickness (mm)	O.D. (mm)
SYWV50-3	1/1.1	3.00±0.15	3.6±0.15	0.55	5.8
SYWV50-4	1/1.4	3.80±0.20	4.5±0.20	0.65	6.7
SYWV50-5	1/1.8	4.80±0.20	5.5±0.20	0.7	7.7
SYWV50-7	1/2.75	7.25±0.25	8.0±0.25	0.7	10.0
SYWV50-9	1/3.1	8.50±0.25	9.4±0.25	0.7	10.6
SYWV50-10	1/3.6	9.60±0.25	10.5±0.25	0.8	13.2
SYWV50-12	1/4.45	11.70±0.25	12.6±0.25	0.8	15.8

Parameter	Unit	Frequency (MHz)	Model						
			3	4	5	7	9	10	12
Characteristic Impedance	Ω	1000	50±2						
Max Attenuation	db/100m	100	11.1	8.5	6.6	4.3	3.9	3.4	2.7
		150	13.8	10.4	8.10	5.3	4.8	4.2	3.3
		280	18.8	14.3	11.1	7.4	6.6	5.7	4.6
		350	21.1	16.0	12.6	8.2	7.4	6.4	5.1
		400	22.6	17.1	13.4	8.8	8.0	7.0	5.5
		800	32.1	24.5	19.3	12.6	11.5	10.0	8.1
		900	34.2	26.0	20.5	13.4	12.2	10.7	8.6
		1200	39.7	30.2	23.8	15.6	14.3	12.5	10.1
		1500	44.5	34.0	26.8	17.6	16.2	14.1	11.4
		1800	48.9	37.4	29.6	19.5	17.9	15.6	12.7
		1900	50.4	38.5	30.4	20.1	18.4	16.1	13.0
		2000	51.7	39.6	31.2	20.6	19.0	16.5	13.4
		2200	54.4	41.6	32.9	21.7	20.0	17.4	14.2
		2500	58.1	44.5	35.2	23.3	21.5	18.7	15.2
		3600	70.5	54.2	43.0	28.6	26.4	23.0	18.8
VSWR	/	100~230	1.25						
		260~300							
		320~480							
		820~960	1.30						
		1400~1500							
		1700~1900							
		1860~2100	1.35						
		2100~2300							
		2300~2500	≤ 1.35						
		3400~3600	≤ 1.40						



EAVJE Copper PVC Insulated & Sheathed Audio Cable



Standard

GB/T3956-2008, Enterprise Standards

Applications

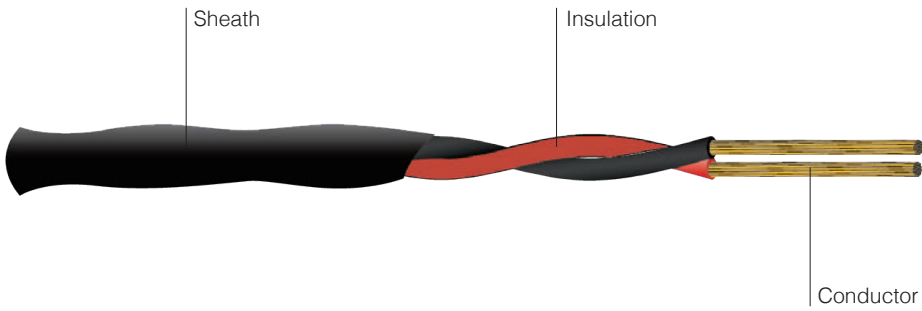
All kind of speakers PA project public broadcast system tour show theater stadium conference hall and other audio project. It can provide convenient for various audio project and cabling production equipment and tour show.

Characteristics

- Conductor: 4N OFC
- Insulation: PVC
- Sheath: Flexible PVC
- Totally roud Shape tighten Structure soft hand feeling

Parameter					
Nom. Conductor CSA (mm²)	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pF/m
2×1.0	32×0.20	1.0	6.9	1.85	96
2×1.5	48×0.20	1.1	7.6	1.15	83
2×2.0	64×0.20	1.1	8.7	0.88	86
2×2.5	77×0.20	1.3	9.9	0.70	83
2×4.0	126×0.20	1.3	11.5	0.45	95
2×6.0	189×0.20	1.3	14.2	0.27	85
4×1.0	32×0.20	1.1	8.2	1.85	82
4×1.5	48×0.20	1.1	8.8	1.15	85
4×2.0	64×0.20	1.2	10.2	0.88	86
4×2.5	77×0.20	1.3	11.5	0.70	86
4×4.0	126×0.20	1.4	13.6	0.45	82
4×6.0	189×0.20	1.4	15.8	0.27	80
6×1.5	48×0.20	1.1	10.2	1.15	85
6×2.0	64×0.20	1.2	12.2	0.88	86
6×2.5	77×0.20	1.3	13.5	0.70	83
6×4.0	126×0.20	1.3	15.8	0.45	95
8×1.5	48×0.20	1.1	12.5	1.15	85
8×2.0	64×0.20	1.2	14.6	0.88	86
8×2.5	77×0.20	1.3	15.8	0.70	94
8×4.0	126×0.20	1.3	18.8	0.45	82

EAVJV Copper PVC Insulated & Sheathed Audio Cable



Standard

GB/T3956-2008, Enterprise Standards

Applications

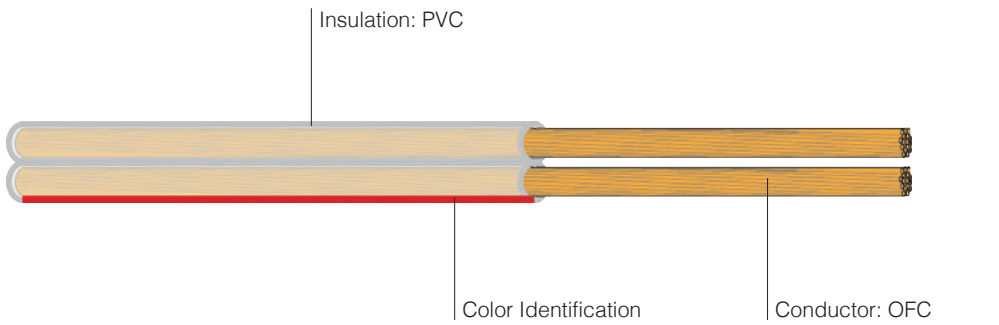
All kind of speakers, PA project, public broadcast system, theater, stadium, conference hall and other audio project. It can provide convenient for various audio project and cabling, production equipment.

Characteristics

- Conductor: 4N (OFC)
- Insulation: PVC
- Sheath: Flexible PVC

Parameter					
Nom. Conductor CSA (mm²)	Diameter	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pF/m
2×1.0	32×0.20	1.0	6.9	1.85	96
2×1.5	48×0.20	1.1	7.5	1.15	83
2×2.0	64×0.20	1.1	8.6	0.88	86
2×2.5	77×0.20	1.3	9.8	0.70	83
2×4.0	126×0.20	1.3	11.4	0.45	95
4×1.0	32×0.20	1.1	8.1	1.85	82
4×1.5	48×0.20	1.1	8.6	1.15	85
4×2.0	64×0.20	1.2	10.1	0.88	86
4×2.5	77×0.20	1.3	11.4	0.70	83
4×4.0	126×0.20	1.4	13.5	0.45	82
4×6.0	189×0.20	1.3	15.6	0.27	80

YXB Transparent Audio Cable



Standards

Reference Standard: JB/T8734.3-2012
Min Bending Radius: 4 x cable O.D.
Operating temperature: -15 to 70°C

Applications

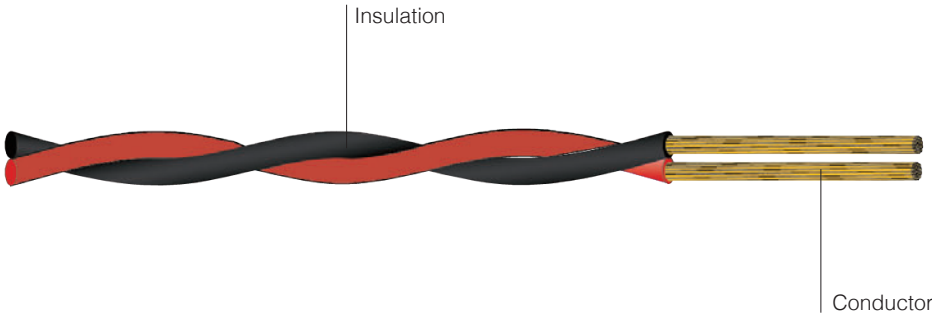
Applied to audio engineering, home theater, car audio, conference room and other system and for connecting the amplifier and speakers, especially surround sound speakers.

Characteristics

- 1.Frequency Range: 20Hz-20KHz
- 2.Installation Temperature: 0 to 50°C
- 3.Operating Temperature: -15 to 70°C

YXB Audio Cable			
Cores×CSA (mm²)	Conductor	Avg. O.D.mm	
		Lower	Upper
2×0.35	30×0.12	1.9×3.8	2.1×4.3
2×0.5	44×0.12	2.1×4.2	2.3×4.7
2×0.75	66×0.12	2.5×4.9	2.7×5.6
2×1	84×0.12	2.7×5.3	2.9×6
2×1.5	133×0.12	3×6.1	3.4×6.9
2×2	175×0.12	3.4×6.8	3.8×7.7
2×2.5	217×0.12	3.8×7.6	4.2×8.6
2×4	350×0.20	4.8×9.5	5.3×10.8
2×6	525×0.20	5.7×11.4	6.3×12.9

EAVJ Copper Conductor PVC Insulated Twisted Flexible Audio Cable



Standards

GB/T3956-2008, Enterprise Standards

Applications

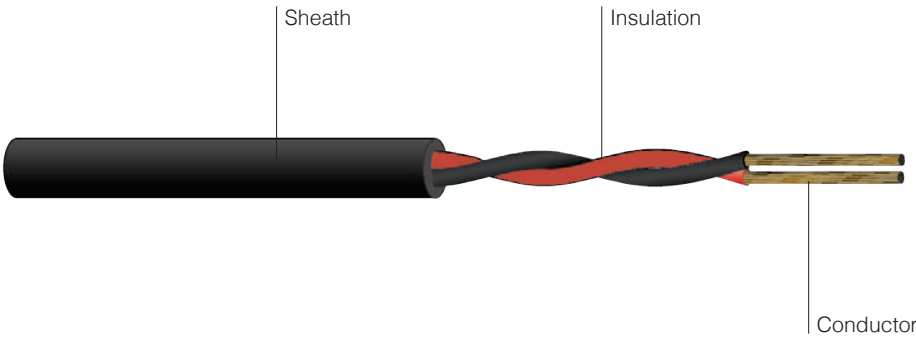
All kind of speakers, PA project, public broadcast system, theater, stadium, conference hall and other audio project. It can provide convenient for various audio project and cabling, production equipment.

Characteristics

Conductor: 4N (OFC)
Insulation: PVC

Parameter				
Cores×CSA (mm²)	Conductor	Diameter mm	Conductor Resistance at 20°C (Ω/100m)	Nom. Capacitance pF/m
2×1	32×0.20	4.8	1.85	68
2×1.5	48×0.20	5.6	1.1	84
2×2	64×0.20	6.6	0.87	84
2×2.5	77×0.20	7.2	0.7	83
2×4	126×0.20	8.8	0.45	95

EAVJER Copper Conductor PVC Insulated Flexible Sheath Audio Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

All kind of speakers, PA project, public broadcast system, tour show, theater, stadium, conference hall and other audio project. It can provide convenient for various audio project and cabling, production equipment and tour show.

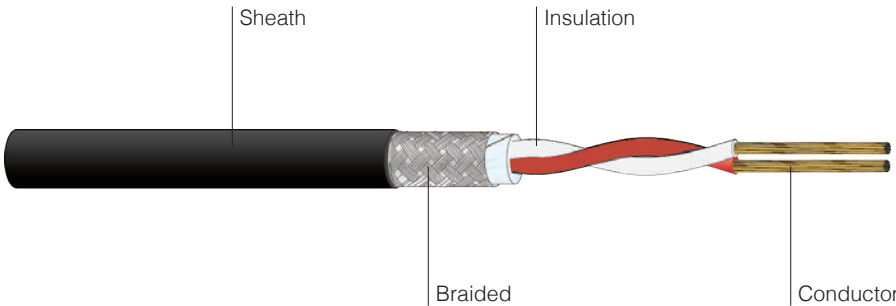
Characteristics

Conductor: 4N (OFC)
Insulation: PVC
Sheath: Flexible PVC
Totally round Shape, tighten Structure, soft hand feeling

Parameter					
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C(Ω/km)	Nom. Capacitance pf/m
2×1.5	189×0.10	1.1	7.6	1.15	83
2×2	252×0.10	1.1	8.7	0.88	86
2×2.5	322×0.10	1.3	9.9	0.7	83
2×4	504×0.10	1.3	11.5	0.45	95
4×2.5	322×0.10	1.3	11.5	0.7	86
4×4	504×0.10	1.4	13.6	0.45	82

RAVPE Copper Conductor PVC Insulated Tin-Plated Shielded

Flexible Sheath Microphone Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to speakers and various project used audio equipment, those cable is the best choice for stage show and mobile device.

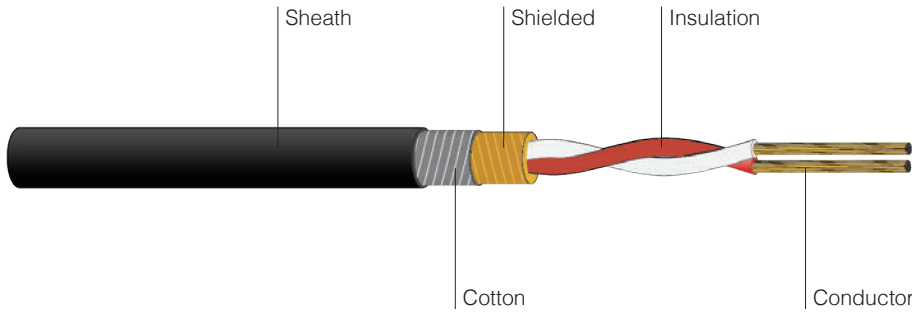
Characteristics

Conductor: 4N (OFC)
Insulation: PVC
Shielded: High density Tin-Plated
Sheath: Flexible PVC
With anti low-frequency noise and interference ability, bending strength, high quality cotton rope filling to avoid vibration effectively caused by cable itself.

Parameter						
CoresxCSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C(Ω/km)	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.3	16×0.15	1.1	6.0	6.45	82	224
2×0.3	37×0.10	1.1	6.0	6.33	89	247
2×0.5	64×0.10	1.2	7.0	3.65	85	230
4×0.3	16×0.15	1.1	7.0	6.45	92	262
4×0.3	37×0.10	1.1	7.0	6.33	89	247
4×0.5	64×0.10	1.2	7.6	3.65	95	240

RAVP1E Copper Conductor PVC Insulated Copper Wire Spiral Shielded Flexible

Sheath Microphone Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various projects, which used microphone and Audio equipment .

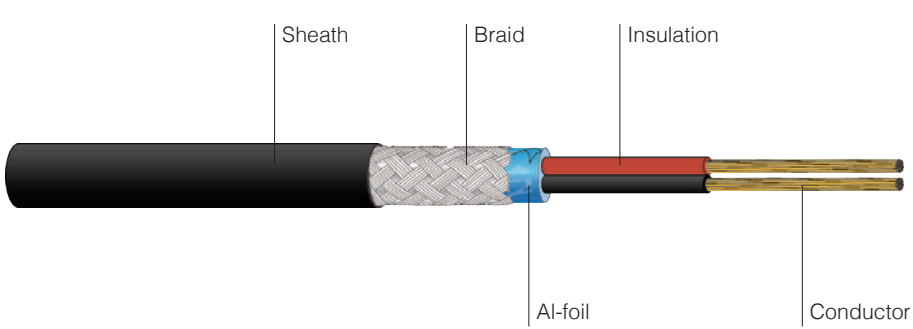
Characteristics

Conductor: 4N (OFC)
Insulation: PVC
Shielded: High density Tin-Plated
Sheath: Flexible PVC
With anti low-frequency noise and interference ability, high quality cotton rope filling and spiral shielded to avoid vibration effectively caused by cable itself.

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C(Ω/km)	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.3	16×0.15	1.1	6.0	6.45	105	318
2×0.3	37×0.10	1.1	6.0	6.33	90	240
4×0.3	16×0.15	1.2	7.0	6.45	120	325

RAVP3PE Tinned Copper PVC Insulated Al-Foil Tinned

Wire Shielded Flexible Sheath Microphone Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various projects which used microphone and audio equipment. And also Applied to tour show and broadcast etc.

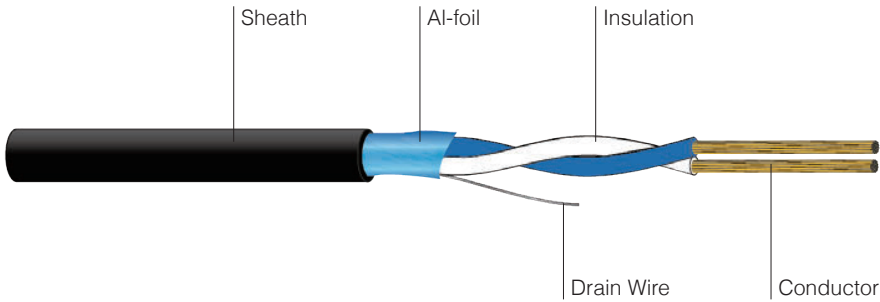
Characteristics

Conductor: 4N (OFC)
Insulation: PVC
Shielded: High density Tin-Plated
Sheath: Flexible PVC
With anti low-frequency noise and interference ability, dual-layer shielded to get stable signal and reduce attenuation

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C(Ω/km)	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.3	37×0.10	1.1	6.5	6.33	90	240

RAYJP3V Tinned Copper PE Insulated Al-Foil Shielded PVC

Sheath Audio Cable for Fixed Installation



Standards

GB/T3956-2008, Enterprise Standards

Applications

Applied to TV station, multifunctional hall, studio, theater, stadium, conference hall, concert hall etc. Those cable is the best choice for audio projects cabling.

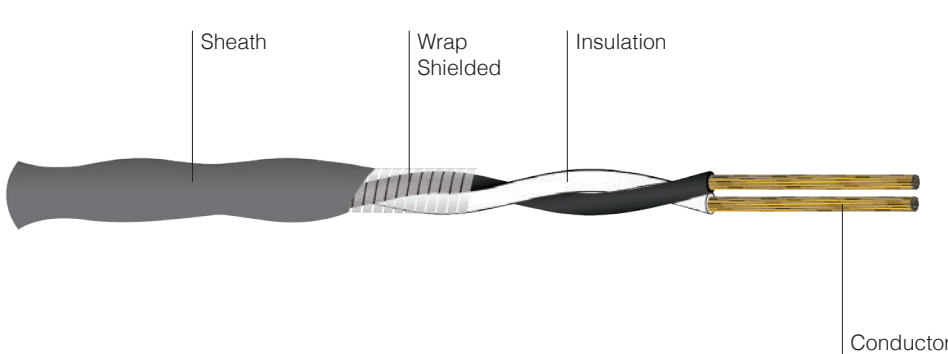
Characteristics

- Conductor: 4N (OFC)
- Insulation: PE
- Shielded: Al-foil wrap
- Sheath: PVC
- With low-frequency anti-noise, anti-interference ability.

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pF/m	Ground Capacitance pF/m
2×0.22	7×0.20	0.9	4.0	7.93	55	105
2×0.37	7×0.26	0.9	4.5	4.91	66	142
2×0.50	28×0.15	1.2	5.2	3.25	85	160
2×2×0.22	7×0.20	0.9	6.5	7.93	55	105

RAYJP1E Tinned Copper PE Insulated Tinned Wire Shielded PVC

Sheath Audio Cable for Fixed Installation



Standards

GB/T3956-2008, Enterprise Standards

Applications

Applied to TV station, multifunctional hall, studio, theater, stadium, conference hall, concert hall etc. Those cable is the best choice for audio projects cabling production equipment and tour show.

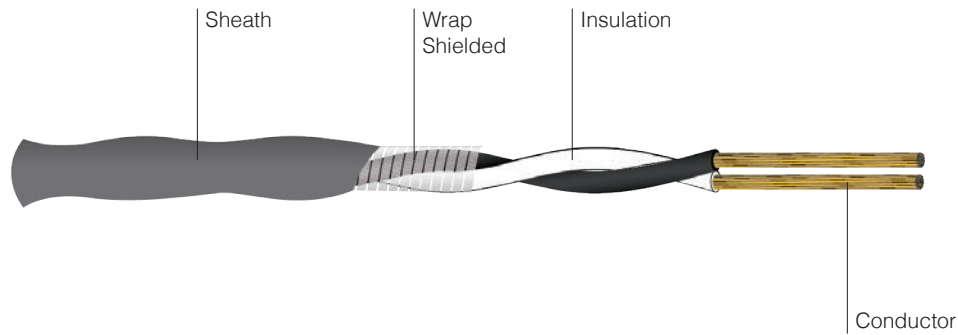
Characteristics

- Conductor: 4N (OFC)
- Insulation: PE
- Shielded: Tinned Wire
- Sheath: Flexible PVC
- With low-frequency anti-noise, anti-interference ability.

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°CΩ/100m	Nom. Capacitance pF/m	Ground Capacitance pF/m
2×0.15	7×0.20	0.7	3.5	12.4	132	360

RAYJP1V Tinned Copper Conductor PE Insulated Tinned Wire Shielded PVC

Sheath Audio Cable for Installation Use



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to TV station, multifunctional hall, studio, theater, stadium, conference hall, concert hall etc. Those cable is the best choice for audio projects cabling.

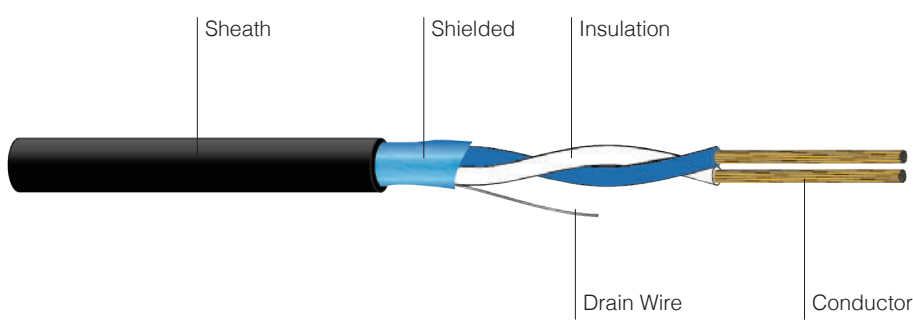
Characteristics

Conductor: 4N (OFC)
Insulation: PE
Shielded: Tinned Wire
Sheath: Flexible PVC
With low-frequency anti-noise, anti-interference ability.

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.22	7×0.20	0.9	4.0	7.93	55	105
2×0.37	7×0.26	1.2	4.5	4.91	66	142
2×0.50	28×0.15	1.2	5.3	3.25	85	160

RAVJP3V Copper Conductor PE Insulated Al-Foil Shielded PVC

Sheath Audio Cable for Installation Use



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to TV station multifunctional hall studio theater stadium conference hall concert hall etc. Those cable is the best choice for audio projects cabling production equipment and tour show.

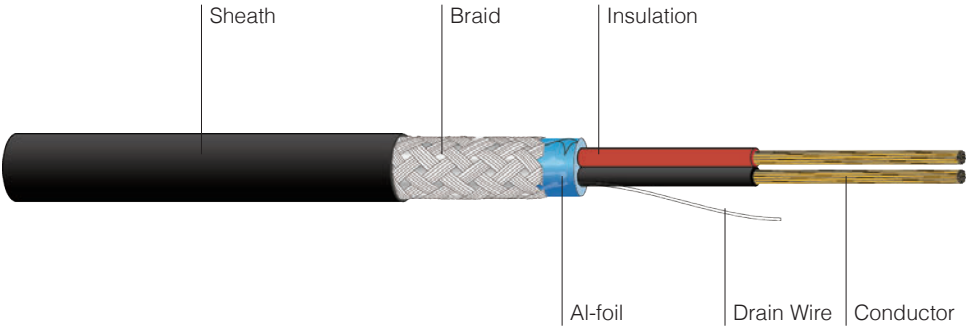
Characteristics

Conductor: 4N OFC
Insulation: PE
Shielded: Al-foil wrap
Sheath: PVC
With low-frequency anti-noise anti-interference ability.

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.18	16×0.12	0.9	4.0	9.72	147	287
4×0.18	16×0.12	0.9	4.5	9.72	122	243
4×0.30	37×0.10	1.0	6.0	6.23	96	224

AD-RGYJPE Copper Conductor PVC Insulated Al-Foil Shielded PVC

Sheath Digital Audio Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various Digital audio transmission.

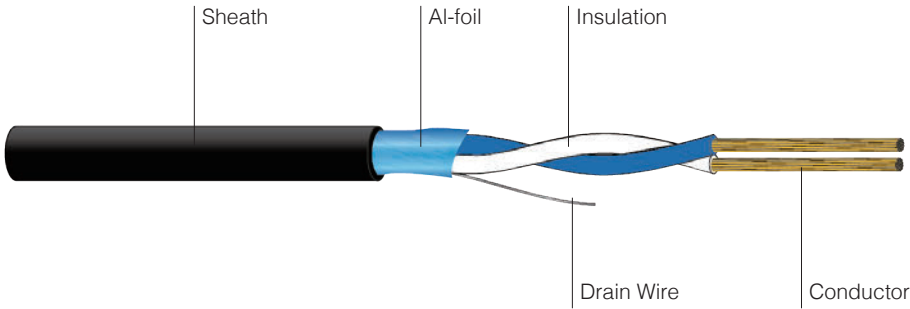
Characteristics

Conductor: 4N (OFC)
Insulation: PVC
Shielded: Al-foil Wrap and Tinned Cooper Wire
Sheath: Flexible PVC
Those cables Applied to Digital audio (AES/EBU) transmission, resistance is 110 Ω

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.18	7×0.18	1.1	5.4	11.2	147	287

AD-RGYJP3V Copper Conductor PE Insulated Al-Foil Shielded PVC

Sheath Digital Audio Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various Digital audio transmission.

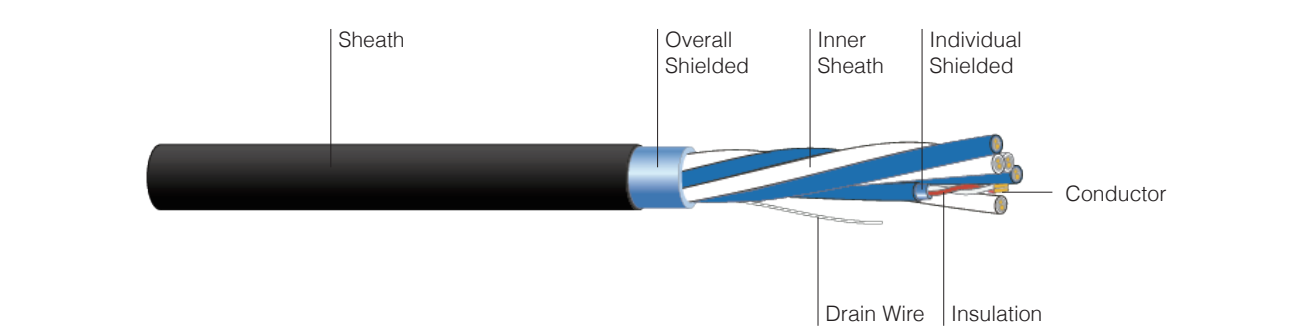
Characteristics

Conductor: 4N OFC
Insulation: PE
Shielded: Al-foil wrap
Sheath: PVC
Those cables Applied to Digital audio (AES/EBU) transmission, resistance is 110 Ω

Parameter						
Cores x CS mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20° C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
2×0.18	7×0.18	0.8	4.2	11.2	160	320

AD-YP3P3E Copper Conductor PE Insulated Al-Foil Shielded PVC

Sheath Digital Audio Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various Digital audio transmission.

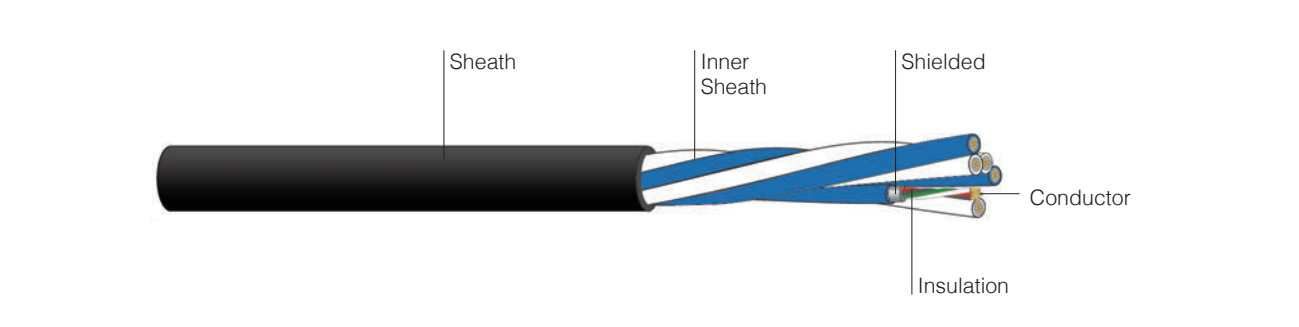
Characteristics

Conductor: 4N (OFC)
Insulation: PE
Shielded: Al-foil screen individual and overall screen
Sheath: PVC
Those cables Applied to Digital audio (AES/EBU) transmission, resistance is 110 Ω

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
4P(2×0.2+1)	7×0.18	1.2	10.5	11.2	65	115
8P(2×0.2+1)	7×0.18	1.3	15.5	11.2	65	115
12P(2×0.2+1)	7×0.18	1.3	17.5	11.2	65	115
16P(2×0.2+1)	7×0.18	1.4	18.5	11.2	65	115

AKYP1E Copper Conductor PE Insulated Tinned Wire IS Flexible

Sheath Analog Multi-pair Audio Control Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various projects cabling multi-function hall, studio, stage, theater, Stadium, conference hall, concert hall etc.

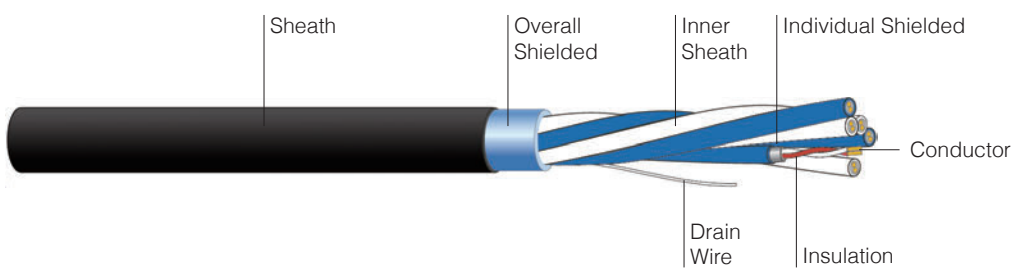
Characteristics

Conductor: 4N OFC
Insulation: PE
Shielded: Tinned Copper Wire Wrap Screen
Sheath: Flexible PVC
With low-frequency anti noise and interference ability, tighten structure and flexible for multi-time placed

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
4P(2×0.2)	25×0.10	1.2	9.8	8.6	61.7	115
6P(2×0.2)	25×0.10	1.2	12.2	8.6	61.7	115
8P(2×0.2)	25×0.10	1.3	14.5	8.6	61.7	115
12P(2×0.2)	25×0.10	1.3	16.5	8.6	61.7	115
16P(2×0.2)	25×0.10	1.4	18.0	8.6	61.7	115
24P(2×0.2)	25×0.10	1.5	22.5	8.6	61.7	115

AKYP1P3E Copper Conductor PE Insulated Tinned Wire IS Al-foil Overall Shielded

Flexible Sheath Analog Multi-pair Audio Control Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various projects cabling multi-function hall, studio, stage, theater, Stadium, conference hall, concert hall etc.

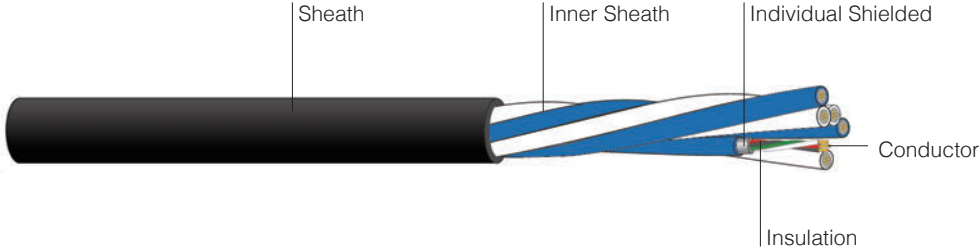
Characteristics

Conductor: 4N OFC
Insulation: PE
Shielded: Tinned wire individual Shielded Al-foil main Shielded
Sheath: PVC inner sheath flexible PVC outer sheath
With low-frequency anti noise and interference ability, tighten structure and flexible for multi-time placed

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
4P(2×0.2)	25×0.10	1.2	10.0	9.57	61.7	115
6P(2×0.2)	25×0.10	1.2	12.4	9.57	61.7	115
8P(2×0.2)	25×0.10	1.3	14.6	9.57	61.7	115
12P(2×0.2)	25×0.10	1.3	16.8	9.57	61.7	115
16P(2×0.2)	25×0.10	1.4	18.2	9.57	61.7	115
24P(2×0.2)	25×0.10	1.5	22.8	9.57	61.7	115

AKYP1E-2 Copper PE Insulated Tinned Wire IS Flexible Sheath

Analog Multi-pair Audio Control Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

Applied to various projects cabling multi-function hall, studio, stage, theater, Stadium, conference hall, concert hall etc.

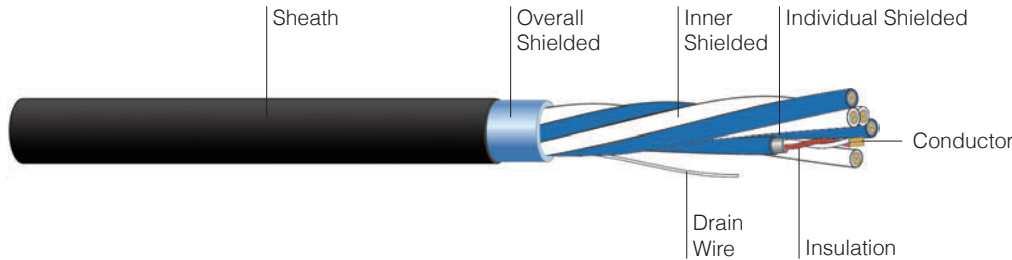
Characteristics

Conductor: 4N OFC
Insulation: PE
Shielded: Tinned Copper wire individual Shielded
Sheath: Flexible PVC
With low-frequency anti noise and interference ability, tighten structure and flexible for multi-time placed

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
4P(2×0.2)	25×0.10	1.2	9.5	9.57	61.7	115
6P(2×0.2)	25×0.10	1.2	11.8	9.57	61.7	115
8P(2×0.2)	25×0.10	1.3	14.2	9.57	61.7	115
12P(2×0.2)	25×0.10	1.3	13.2	9.57	61.7	115
16P(2×0.2)	25×0.10	1.4	17.8	9.57	61.7	115
24P(2×0.2)	25×0.10	1.5	22.0	9.57	61.7	115

AKVP3P3E Copper PE Insulated Al-Foil I/O Shielded Flexible Sheath

Analog Multi-pair Audio Control Cable



Standards

GB/T3956-2008, Enterprise standards

Applications

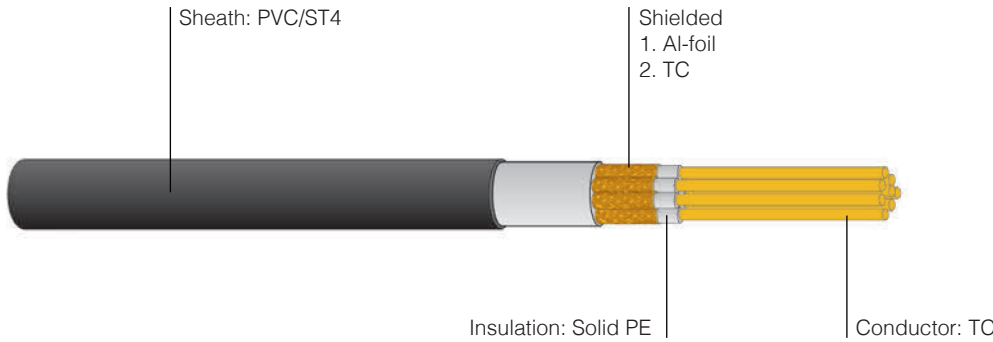
Applied to various projects cabling multi-function hall, studio, stage, theater, Stadium, conference hall, concert hall etc.

Characteristics

Conductor: 4N (OFC)
Insulation: PE
Shielded: Al-foil wrap individual and overall shielded
Sheath: Flexible PVC
With low-frequency anti noise and interference ability, tighten structure and flexible for multi-time placed

Parameter						
Cores x CSA mm²	Conductor	Thickness of Sheath mm	Diameter mm	Conductor Resistance at 20°C Ω/100m	Nom. Capacitance pf/m	Ground Capacitance pf/m
4G(4×0.2+1)	16×0.12	1.3	14.5	8.02	148	277
6G(4×0.2+1)	16×0.12	1.3	16.5	8.02	148	277
8G(4×0.2+1)	16×0.12	1.4	19.5	8.02	148	277
12G(4×0.2+1)	16×0.12	1.4	22.5	8.02	148	277
16G(4×0.2+1)	16×0.12	1.4	24.5	8.02	148	277
4G(4×0.3+1)	37×0.10	1.3	15.5	6.03	136	285
6G(4×0.3+1)	37×0.10	1.3	17.5	6.03	136	285
8G(4×0.3+1)	37×0.10	1.4	21.5	6.03	136	285
12G(4×0.3+1)	37×0.10	1.4	24.5	6.03	136	285

RGBHV Multi-core Coaxial Cable



Standards

Reference Standard: YD/T1174-2008
Characteristic Impedance: 75±5Ω
Min. bending radius: 8 x cable O.D.
Operating Temperature: -15 to 70 °C

Applications

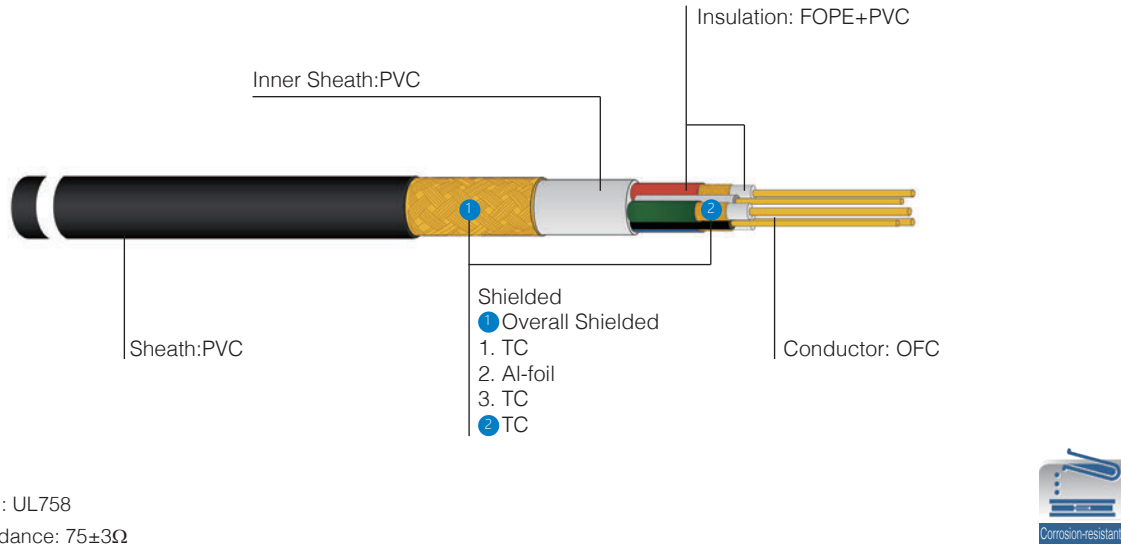
It is suitable for digital transmission of VGA (video graphics array), suitable for all kinds of electronic equipment with D - SUB 15PIN interface, such as computer, HD DVD and computer monitors, projectors, HD digital TV, rear projection, plasma TV and others.

Characteristics

- 1. Conductor with high purity oxygen-free copper, low signal transmission attenuation.
- 2. Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3. High-quality PVC sheath, anti-aging, wear resistant, flexible and strength
- 4. Operating Temperature Range: -15 to 70 °C
- 5. 200m / 300m per roll or custom-made



VGA UL2919 Shielded Data Connection Cable



Standards

Reference Standard: UL758
Characteristic Impedance: 75±3Ω
Min Bending Radius: 10 x cable O.D.
Operating Temperature: -15 to 70 °C

Applications

It is suitable for all kinds of electronic equipment with D-SUB 15-pin interface, such as computers, HD DVD and computer monitors, projectors, high-definition digital TV, rear projection, plasma TV.

Characteristics

- 1.Multi-stranded tinned copper wire, strong corrosion resistance
- 2. The first core: foam PE insulation with low tanalog signal ransmission distortion, the second core: semi-hard PVC insulation
- 3. 80 degree heat-resistant flame-retardant PVC jacket passes the VW-1 flame retardant test
- 4. Bare copper or tinned copper wire high density coverage (95%) to prevent external electromaganetic interface effectively
- 5. Min. bending radius: 4 x cable diameter (fixed installation), 15 x cable diameter(movable installation)

Test Length: 5M		
Frequency	Attenuation	Characteristic Impedance
1MHz	≤ 0.14dB	75+/-5Ω
10MHz	≤ 0.45dB	
50MHz	≤ 1.0dB	
100MHz	≤ 1.5dB	
200MHz	≤ 2.1dB	
400MHz	≤ 3.0dB	
700MHz	≤ 4.3dB	
1000MHz	≤ 15.4dB	

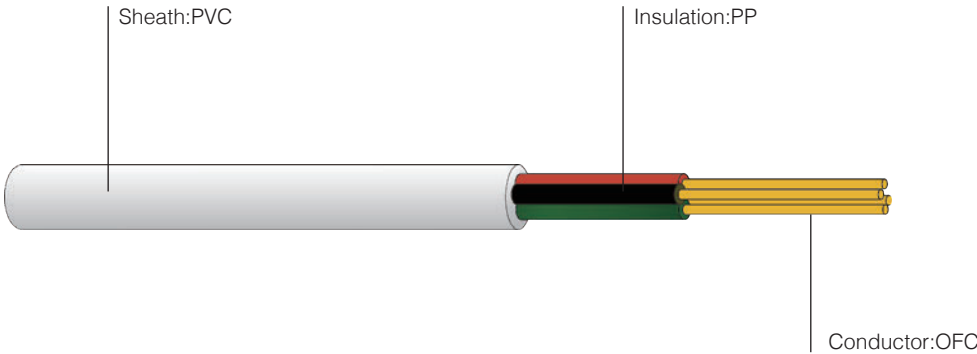
UL2919 Shielded Data Connection Cable													
Model	Conductor		Insulation (mm)			Insulation (mm)			Al-foil mm	Braid No/No/mm	Sheath (mm)		Max. Conductor Resistance at 20°C AWG (Ω/km)
	AWG	No. /Dia. No/mm	Material	Thick ness	Dia.	Material	Thick ness	Dia.			Thick ness	Dia.	
VGA3+6	28AWG	7/0.127TC	FOPE	0.61	1.62	SR-PVC	0.30	1.10	23X0.025	16/60.10TC	0.95	8.0±0.2	223.75
VGA3+5	28AWG	7/0.127TC	FOPE	0.61	1.62	SR-PVC	0.30	1.10	23X0.025	16/60.10TC	0.95	8.0±0.2	223.75
VGA3+4	28AWG	7/0.127TC	FOPE	0.61	1.62	SR-PVC	0.30	1.10	18X0.025	16/60.10TC	0.95	8.0±0.2	223.75



05

Telecommuni-
cation
Cable

HYB Telephone Cable



Standards

Reference Standard: GB/T11016.3-2009
Min Bending Radius: 4 x cable O.D
Operating Temperature: -15 to 70 °C



Applications

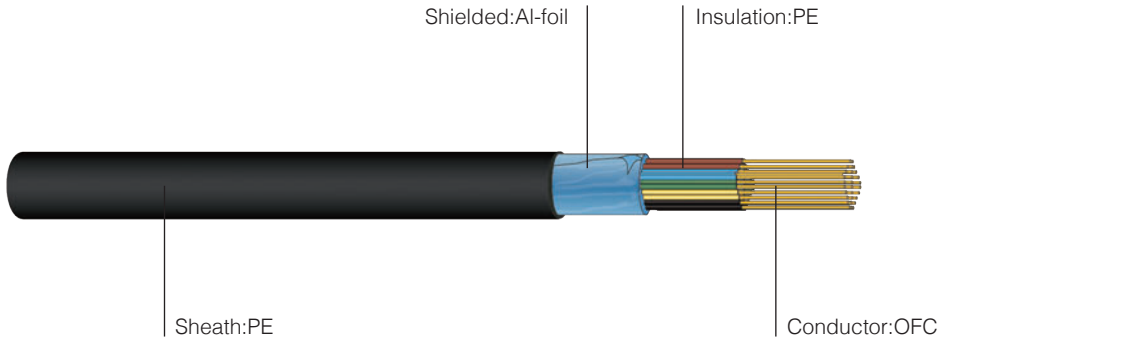
Suitable for indoor public telephone system, ADSL, fax and other data communication connection.

Characteristics

- 1.Conductor with high purity oxygen-free copper, signal transmission attenuation
- 2.Insulation with more superior characteristics of the PP material, can effectively extend the product life
- 3.Allow the bending radius, the cable diameter D is less than 16mm, should not be less than 4D, cable diameter D is 16mm and above should not be less than 6D
- 4.Sheathed material for high-quality PVC, anti-aging, wear resistant, water-blocking, oil, corrosion resistant, non-toxic and other characteristics
- 5.100m / 200m / 300m per roll or custom-made

HYB Telephone Cable		
Model	Specification	Sheath Thickness (mm)
HRB	2X7/0.12mm	2.8-3.3
	4X7/0.12mm	3.0-3.6
HYB	2X1/0.5mm	2.8-3.3
	4X1/0.5mm	3.0-3.6
HRBB	2X7/0.12mm	2.0X3.0-2.4X3.8
	4X7/0.12mm	2.0X4.8-2.4X5.4
HYBB	2X1/0.5mm	2.0X3.0-2.4X3.8
	4X1/0.5mm	2.0X4.8-2.4X5.4

HYA Telephone Communication Cable



Standards

Reference Standard: YD/T322-2013
Operating Temperature: -30 to 70 °C



Applications

Applied to the transmission of analog audio signals up to 150KHz, digital signals up to 2048kbit/s , mainly for the pipeline, buried directly and overhead laying.

Characteristics

- 1.Cable with small pitch twisted design, crosstalk performance, to ensure that the call quality is clear, smooth, undisturbed
- 2.Sheath through the AC8KV spark test, finished after 50 ~ 100kPa inflatable test to ensure that the cable air tightness
- 3.Allow the bending radius not less than 10 times the cable diameter
- 4.Sheathed material for high-quality PVC, anti-aging, wear resistant, water-blocking, oil, corrosion resistant, non-toxic and other characteristics
- 5.2200m / 300m per roll or custom-made

HYA Telephone Communication Cable							
Model	Conductor (NO./mm)	Aluminum Tape Thickness (mm)	PE Sheath Thickness (mm)	Diameter (mm)	Max.DC Resistance of Single Wire (Ω/ km)	Conductor Attenuation(20°C)	
						150KHz	1024KHz
HYA10×2×0.4	1/0.4	0.20	1.50	8.4	≤ 148	12.1	27.3
HYA20×2×0.4	1/0.4	0.20	1.50	10.3			
HYA30×2×0.4	1/0.4	0.20	1.50	11.7			
HYA50×2×0.4	1/0.4	0.20	1.50	13.9			
HYA100×2×0.4	1/0.4	0.20	2.00	19.1			
HYA200×2×0.4	1/0.4	0.20	2.00	25.6			
HYA300×2×0.4	1/0.4	0.20	2.00	30.2			
HYA400×2×0.4	1/0.4	0.20	2.50	35.6			
HYA600×2×0.4	1/0.4	0.20	2.50	42.2			
HYA800×2×0.4	1/0.4	0.20	2.50	47.8			
HYA900×2×0.4	1/0.4	0.20	2.60	52.8			

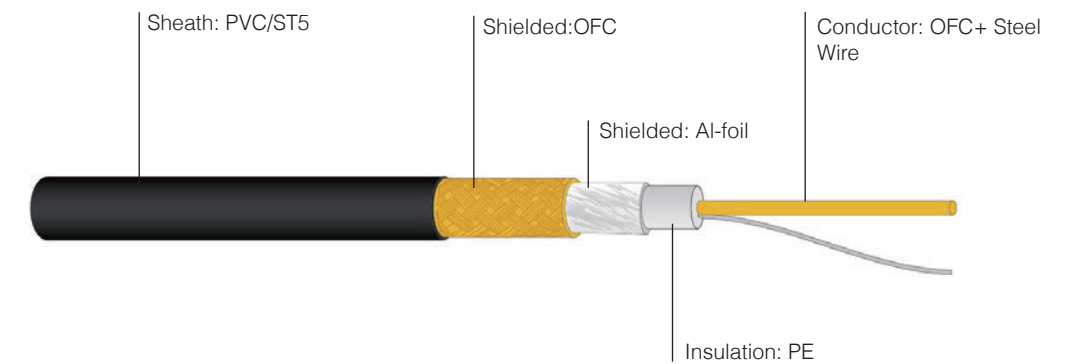
Model	Conductor (NO./mm)	Aluminum Tape Thickness (mm)	PE Sheath Thickness (mm)	Diameter (mm)	Max.DC Resistance of Single Wire (Ω/ km)	Conductor Attenuation(20°C)	
						150KHz	1024KHz
HYA1200×2×0.4	1/0.4	0.20	3.00	59.1	≤ 148	12.1	27.3
HYA1600×2×0.4	1/0.4	0.20	3.50	68.1			
HYA1800×2×0.4	1/0.4	0.20	3.50	71.8			
HYA2000×2×0.4	1/0.4	0.20	3.50	75.2			
HYA10×2×0.5	1/0.5	0.20	1.50	9.6	≤ 95	9	22.5
HYA20×2×0.5	1/0.5	0.20	1.50	11.9			
HYA30×2×0.5	1/0.5	0.20	1.50	13.6			
HYA50×2×0.5	1/0.5	0.20	1.50	16.4			
HYA100×2×0.5	1/0.5	0.20	2.00	22.6			
HYA200×2×0.5	1/0.5	0.20	2.00	30.7			
HYA300×2×0.5	1/0.5	0.20	2.50	37.5			
HYA400×2×0.5	1/0.5	0.20	2.50	43.0			
HYA600×2×0.5	1/0.5	0.20	3.00	52.3			
HYA800×2×0.5	1/0.5	0.20	3.00	59.3			
HYA900×2×0.5	1/0.5	0.20	3.20	63.1			
HYA1000×2×0.5	1/0.5	0.20	3.50	67.4			
HYA10×2×0.6	1/0.6	0.20	1.50	10.7	≤ 65.8	7.2	18.5
HYA20×2×0.6	1/0.6	0.20	1.50	13.4			
HYA30×2×0.6	1/0.6	0.20	1.50	15.5			
HYA50×2×0.6	1/0.6	0.20	2.00	19.9			
HYA100×2×0.6	1/0.6	0.20	2.00	26.1			
HYA200×2×0.6	1/0.6	0.20	2.50	36.9			
HYA300×2×0.6	1/0.6	0.20	2.50	43.8			
HYA400×2×0.6	1/0.6	0.20	3.00	51.4			
HYA600×2×0.6	1/0.6	0.20	3.50	62.3			
HYA800×2×0.6	1/0.6	0.20	3.50	70.7			
HYA10×2×0.8	1/0.8	0.20	1.50	12.9	≤ 36.6	5.7	13.7
HYA20×2×0.8	1/0.8	0.20	1.50	16.6			
HYA30×2×0.8	1/0.8	0.20	2.00	20.4			
HYA50×2×0.8	1/0.8	0.20	2.00	24.9			
HYA100×2×0.8	1/0.8	0.20	2.50	35.1			
HYA200×2×0.8	1/0.8	0.20	2.50	47.2			
HYA300×2×0.8	1/0.8	0.20	3.00	57.4			
HYA400×2×0.8	1/0.8	0.20	3.50	67.2			



06

Elevator Cable

SDFAVP75 Copper Solid Conductor PE Insulated Elevator Use Coaxial Cable



Standards

Reference Standard: GB/T14864-2013

Min Bending Radius: 6 x cable O.D. (fixed installation), 15 x cable O.D. (movable installation)

Operating Temperature: -15 to 70 °C

Applications

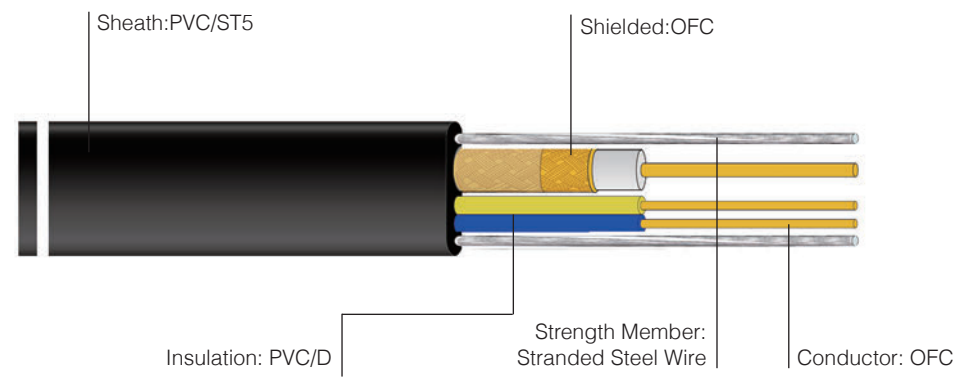
For high-rise building elevators and movable devices to transmit video signals.

Characteristics

1. Conductor: high purity oxygen-free copper and tensile stainless steel wire, low attenuation for signal transmission
2. Shielded with al-foil and tinned copper high-density coverage to prevent external electromagnetic interference effectively
3. Characteristic Impedance: $75 \pm 3\Omega$
4. High-quality PVC sheath, anti-aging, wear resistant, flexible and strength
5. Operating Temperature Range: -15 to 70 °C
6. 200m / 300m per roll or custom-made



SDFAVP75
Flat Type Copper Conductor PVC Sheath Flexible Connection Elevator Cable



Standards

Standard: GB/T5023.6-2008
Rated voltage: 300/500V($\leq 1.0\text{mm}^2$), 450/750V($> 1.0\text{mm}^2$)
Operating Temperature: -15 °C to 70 °C

Applications

Applied to the elevator and lift with the free suspension length of not more than 35m and the speed less than 1.6m / s.

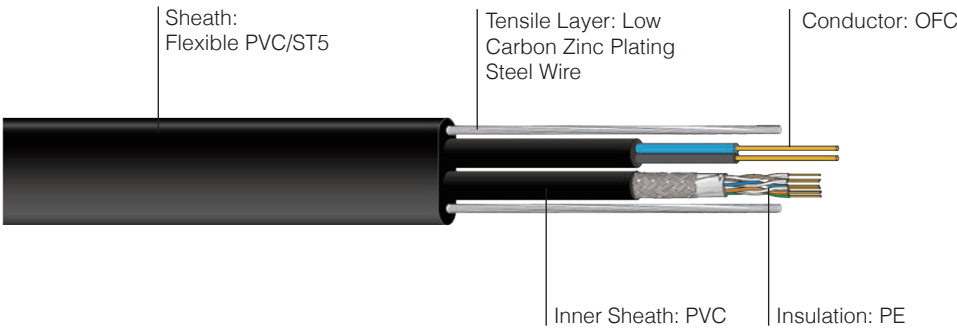
Characteristics

- 1.Conductor: high-purity oxygen-free copper, low attenuation for signal transmission
- 2.Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3.High-quality flexible PVC sheath, anti-aging, wear resistant, flexible and strength.
- 4.High-strength galvanized steel wire to guarantee performance & long service life
- 5.200m / 300m per roll or custom-made



TVVBG(2x0.75+CAT5e) Copper PVC Insulated Flexible Sheath Steel Wire

Connection Elevator Flat Cable



Standards

Reference Standards: GB/T5023.6-2008; JB/T 8734.6-2016
Rated Voltage: 300/500V
Operating Temperature: -15 to 70 °C
Conductor: OFC
Sheath: Flexible Sheath
Reinforcer: High Strength Aviation Steel Wire

Cable Assembly Unit

Power Cable: can be customized.
Lan Cable: Cat5e/Cat6/Cat6a

Applications

Cabel used special structure,The escalator cable can provide overall electrical control in long suspension length and can withstand mechanical stress. The escalator cable can be used for long-distance suspension due to the steel core carrying the cable core. Mainly used for power and signal transmission, the occasion for the general application of the elevator car, lifts, elevated roadway warehousing and extraction equipment, such as accompanying mobile installation.

Elevator Cable Application Condition

Elevator cables lined up
1. Free hanging length more than 35m;
2. Operating speed is more than 1.6m / s
It should be increased the load-bearing components in the cable, load-bearing components are generally galvanized steel wire rope. Elevator

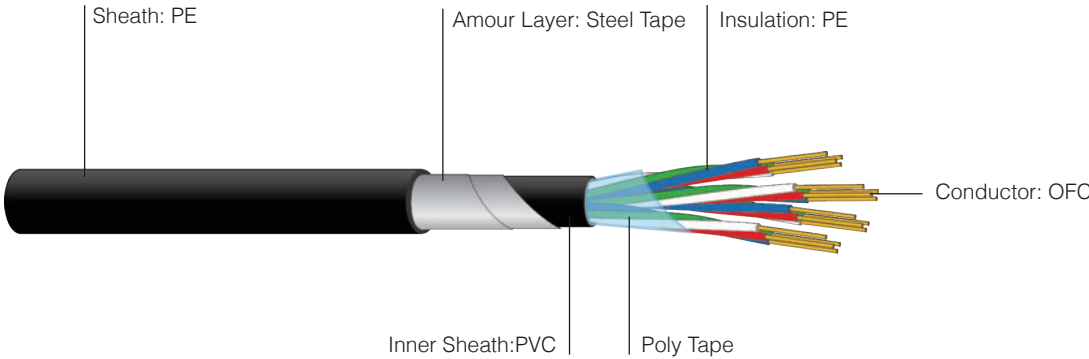
Cable plum-type arrangement
1. Free hanging length more than 80m;
2. Operating speed is more than 4.0m/s—10m/s
It should be increased the load-bearing components in the cable, load-bearing components are generally galvanized soft rope and so on.



07

Railway
Signal Cable

Railway Signal Cable



Standards

Reference Standards: TB/T2476-1993
Rated Voltage: AC500V or DC <1000V

Applications

Applied to the railway signal transmission audio Video and auto-signal equipment circuit in rated voltage AC500V or DC <1000V. Integrated and Al sheath railway signal cable, suitable for electrification zone or other areas with strong electrical interference laying.

Characteristics

Conductor: OFC
Insulation: PE
Sheath: PVC / PE
Normal Temperature: -40~60 °C
Operating Temperature: PVC: 0~70 °C
PE -10~70 °C
Bending Radius Inarmoured cable≥ 10D
Armoured cable:≥ 15D
D> cable diameter

Product Name	
Type	Name
PTYV	PE Insulation PVC Sheath Railway Signal Cable
PTY Y	PE Insulation PE Sheath Railway Signal Cable
PTY22	PE Insulation Steel Tape Armour PVC Sheath Railway Signal Cable
PTY23	PE Insulation Steel Tape Armour PE Sheath Railway Signal Cable
PTYA22	PE Insulation Comprehensive Sheath Steel Tape Armoured PVC Sheath Railway Signal Cable
PTYA23	PE Insulation Comprehensive Sheath Steel Tape Armoured PE Sheath Railway Signal Cable
PTYL22	PE Insulation Al Sheath Steel Tape Armoured PVC Sheath Railway Signal Cable
PTYL23	PE Insulation Al Sheath Steel Tape Armoured PE Sheath Railway Signal Cable



08

Fire

Performance

Cable

Flame Retardance & Fire-Resistant

Cable General Principle

Technical Parameter

Reference Standards: GB/T19666-2005

Application

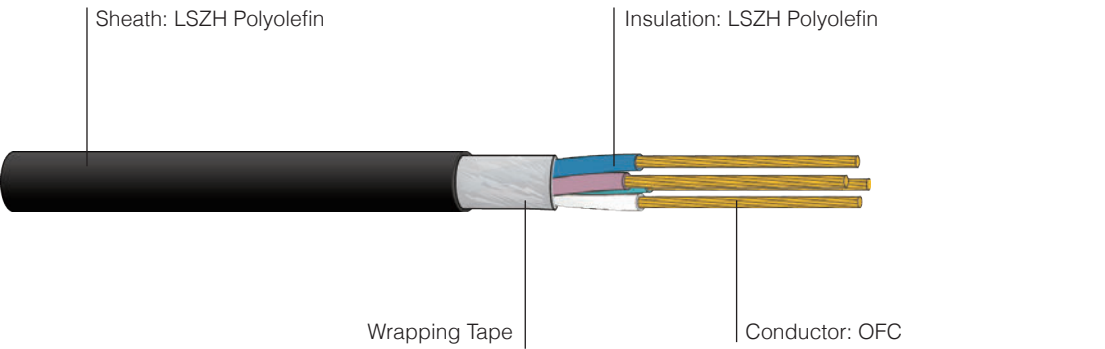
During cable burn Cable can guarantee power transmission for long time.

Product Model			
Series Name		Code No.	Name
Flame Retardant	PVC	ZA	Flame Retardance A
		ZB	Flame Retardance B
		ZC	Flame Retardance C
		ZD	Flame Retardance D
	LSOH	WDZ	LSOH Flame Retardance
		WDZA	LSOH Flame Retardance A
		WDZB	LSOH Flame Retardance B
		WDZC	LSOH Flame Retardance C
		WDZD	LSOH Flame Retardance D
Fire-Resistant	PVC	N	Fire Resistant
		ZAN	Flame Retardance&Fire-Resistant A
		ZBN	Flame Retardance&Fire-Resistant B
		ZCN	Flame Retardance&Fire-Resistant C
		ZDN	Flame Retardance&Fire-Resistant D
	LSOH	WDZN	LSOH Flame Retardance&Fire-Resistant
		WDZAN	LSOH Flame Retardance&Fire-Resistant A
		WDZBN	LSOH Flame Retardance&Fire-Resistant B
		WDZCN	LSOH Flame Retardance&Fire-Resistant C
		WDZDN	LSOH Flame Retardance&Fire-Resistant D

Flame Retardant Performance Requirements				
Code No.	Sample Length (L/m)	Fired Time /s	Performance	
			Charking Height	Self-extinguish Time (min)
ZA	7	40	≤ 2.5	≤ 60
ZB	3.5	40	≤ 2.5	≤ 60
ZC	1.5	20	≤ 2.5	≤ 60
ZD	0.5	20	≤ 2.5	≤ 60

(DDZ) LSOH			
Item	Index		
	Flame Retardant PVC	LSOH PVC	LSOH Polyolefin
Oxygen Index (%)	30-32	31-33	36-46
Smoke Density ≤	600	300	With Flame 50, without Flame 260
Halogenated Gas Emission (mg/g)	500	100	0.5

WDZB-RYY LSZH Flexible Electric Cable



Standards

Reference Standard: GB/T5023.5-2008
Rated Voltage: 300/500V
Rated Operating Temperature: 90 °C



Applications

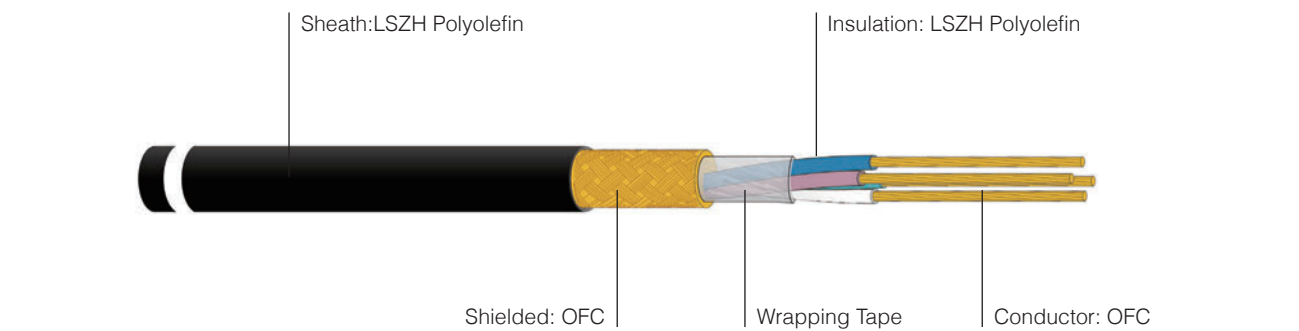
Applied to low voltage equipment control, communication signal transmission and used as power cable for broadcast and low voltage equipment and so on.

Characteristics

- 1.Max. operating temperature: 90 °C
- 2.Min. Ambient Temperature during Installation: 0 °C
- 3.Sheath with halogen-free low smoke flame retardant polyolefin, anti-aging, wear resistant, anti-chemical corrosion, low-smoke, halogen-free, non-toxic, flame retardant and so on.
- 4.Allowable bending radius: 6 x cable O.D for > 16mm, 4 x cable O.D for < 16mm
- 5.100m / 200m / 300m per roll or custom-made

WDZB-RYY LSZH Flexible Power Cable							
Cores×CSA (mm²)	Conductor (NO./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C (Ω/km)	
				Lower	Upper	Copper	TC
2X0.5	16/0.20	0.50	0.60	4.6 / 3.0X4.9	5.9 / 3.7X5.9	39	40.1
2X0.75	24/0.20	0.50	0.60	4.9 / 3.2X5.2	6.3 / 3.8X6.3	26	26.7
3X0.5	16/0.20	0.50	0.60	4.9	6.3	39	40.1
3X0.75	24/0.20	0.50	0.60	5.2	6.7	26	26.7
2X1.0	32/0.20	0.60	0.80	5.9 / 3.9X6.2	7.5 / 4.7X7.5	19.2	20
2X1.5	30/0.25	0.70	0.80	6.8	8.6	13.3	13.7
2X2.5	50/0.25	0.80	1.00	8.4	10.6	7.98	8.21
3X1.0	32/0.20	0.60	0.8	6.3	8	19.2	20
3X1.5	30/0.25	0.70	0.9	7.4	9.4	13.3	13.7
3X2.5	50/0.25	0.80	1.1	9.2	11.4	7.98	8.21
4X0.75	24/0.20	0.60	0.8	6.6	8.3	26	26.7
4X1.0	32/0.20	0.60	0.9	7.1	9	19.2	20
4X1.5	30/0.25	0.70	1	8.4	10.5	13.3	13.7
4X2.5	50/0.25	0.80	1.1	10.1	12.5	7.98	8.21
5X0.75	24/0.20	0.60	0.9	7.4	9.3	26	26.7
5X1.0	32/0.20	0.60	0.9	7.8	9.8	19.2	20
5X1.5	30/0.25	0.70	1.1	9.3	11.6	13.3	13.7
5X2.5	50/0.25	0.80	1.2	11.2	13.9	7.98	8.21

WDZA-RYYP LSZH Shielded Flexible Power Cable



Standards

Reference Standard: JB/T8734.5-2012
Rated Voltage: 300/300V
Rated Temperature: 90 °C



Applications

Applied to intelligent building automation control system, alarm system, card system, smart home, mechanical instrumentation panel and electronic equipment which need to be Shielded.

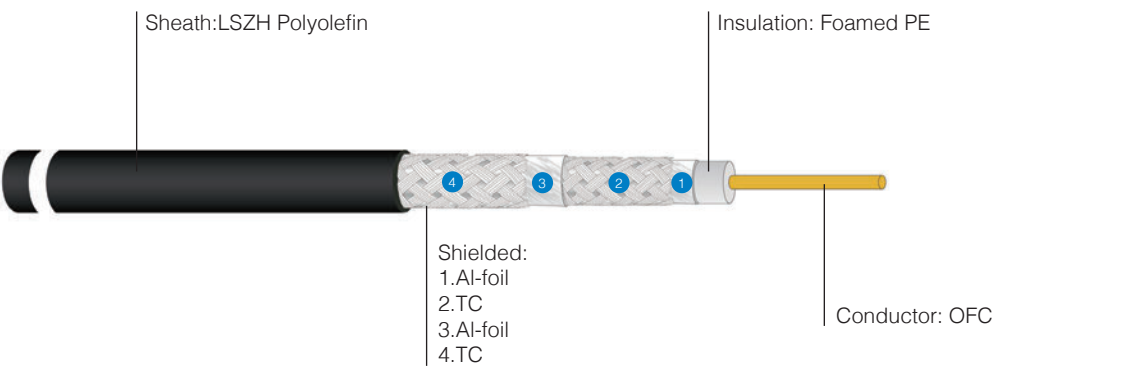
Characteristics

- 1.Min. Ambient Temperature during Installation: 0 °C
- 2.Sheath with halogen-free low smoke flame retardant polyolefin, anti-aging, wear resistant, anti-chemical corrosion, low smoke, halogen-free, non-toxic, flame retardant.
- 3.Allowable bending radius: 6 x cable O.D for > 25mm, 4 x cable O.D for < 25mm
- 4.Shielded with bare copper wire high density coverage to prevent external electromagnetic interference effectively
- 5.100m / 200m / 300m per roll or custom-made

WDZA-RYYP LSZH Shielded Flexible Power Cable								
Cores×CSA (mm ²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire (mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C(Ω/km)	
					Lower	Upper	Copper	TC
1X0.12	7/0.15	0.4	0.1	0.4	2.4	3.0	158	163
1X0.2	12/0.15	0.4	0.1	0.4	2.6	3.2	92.3	95.0
1X0.3	16/0.15	0.5	0.1	0.4	2.9	3.5	69.2	71.2
1X0.4	23/0.15	0.5	0.1	0.4	3.0	3.7	48.2	49.6
1X0.5	16/0.20	0.5	0.1	0.4	3.1	3.8	39.0	40.1
1X0.75	24/0.20	0.5	0.1	0.4	3.4	4.1	26.0	26.7
1X1.0	32/0.20	0.6	0.1	0.6	4.1	4.9	19.5	20.0
1X1.5	30/0.25	0.6	0.1	0.6	4.3	5.2	13.3	13.7
1X2.5	50/0.25	0.7	0.15	0.6	4.9	6.0	7.98	8.21
2X0.08	7/0.12	0.4	0.1	0.4	3.2 / 2.4X3.5	4.2 / 2.9X4.2	247	264

Cores×CSA (mm ²)	Conductor (NO./mm)	Insulation Thickness (mm)	Dia. Of Shielded Wire (mm)	Nom. Sheath Thickness (mm)	Avg. O.D.(mm)		Max. Conductor Resistance at 20°C(Ω/km)	
					Lower	Upper	Copper	TC
2X0.12	7/0.15	0.4	0.1	0.6	3.7 / 2.8X4.0	4.9 / 3.4X4.9	158	163
2X0.2	12/0.15	0.4	0.15	0.6	4.1 / 3.0×4.4	5.3 / 3.6×5.3	92.3	95.0
2X0.3	16/0.15	0.5	0.15	0.6	4.8 / 3.5X5.1	6.2 / 4.2X6.2	69.2	71.2
2X0.4	23/0.15	0.5	0.15	0.6	5.1 / 3.6X5.4	6.6 / 4.4X6.6	48.2	49.6
2X0.5	16/0.20	0.5	0.15	0.6	5.3 / 3.7X5.6	6.8 / 4.5X6.8	39.0	40.1
2X0.75	24/0.20	0.5	0.15	0.6	5.8 / 4.0X6.1	7.4 / 4.8X7.4	26.0	26.7
2X1.0	32/0.20	0.6	0.15	0.6	6.4 / 4.3X6.7	8.2 / 5.2X8.3	19.5	20.0
2X1.5	30/0.25	0.6	0.15	0.8	7.3 / 4.9X7.6	9.2 / 6.0X9.3	13.3	13.7
3X0.12	7/0.15	0.4	0.1	0.6	3.9	5.1	158	163
3X0.2	12/0.15	0.4	0.15	0.6	4.5	5.8	92.3	95.0
3X0.3	16/0.15	0.5	0.15	0.6	5.1	6.5	69.2	71.2
3X0.4	23/0.15	0.5	0.15	0.6	5.4	6.9	48.2	49.6
3X0.5	16/0.20	0.5	0.15	0.6	5.6	7.1	39.0	40.1
3X0.75	24/0.20	0.5	0.15	0.6	6.1	7.8	26.0	26.7
3X1.0	32/0.20	0.6	0.15	0.8	7.2	9.1	19.5	20.0
3X1.5	30/0.25	0.6	0.2	0.8	8.0	10.0	13.3	13.7
4X0.12	7/0.15	0.4	0.15	0.6	4.5	5.8	158	163
4X0.2	12/0.15	0.2	0.15	0.6	4.9	6.2	92.3	95.0
4X0.3	16/0.15	0.5	0.15	0.6	5.5	7.0	69.2	71.2
4X0.4	23/0.15	0.5	0.15	0.6	5.9	7.5	48.2	49.6
5X0.12	7/0.15	0.4	0.15	0.6	4.8	6.2	158	163
5X0.2	12/0.15	0.4	0.15	0.6	5.3	6.7	92.3	95.0
5X0.3	16/0.15	0.5	0.15	0.6	6.0	7.6	69.2	71.2
5X0.4	23/0.15	0.5	0.15	0.6	6.4	8.1	48.2	49.6
6 / 7X0.12	7/0.15	0.4	0.15	0.6	5.2	6.6	158	163
6 / 7X0.2	12/0.15	0.4	0.15	0.6	5.7	7.2	92.3	95.0

WDZB-SYWY75 LSOH 75Ω Coaxial Cable



Standards

Reference Standard: SJ/T11138.3-1997 GY/T135-1998
Min. Bending Radius: 35mm (indoor installation), 70mm (outdoor installation)
Operating Temperature: -15 to 70 °C



Applications

Used as branch lines and subscriber lines for 1GHz and below closed-circuit television system, shared antenna television system, cable television system and in electronic devices.

Characteristics

- 1.Conductor with high purity oxygen-free copper, lower attenuation impedance and more excellent conduction.
- 2.Double aluminum foil and polyester tape, fully isolating EMI / RFI and other clutter signal interference.
- 3.Double-layer high-density tinned copper waving, strengthening the isolation of EMI / RFI and other clutter interference.
- 4.Characteristic Impedance: 75 ohm
- 5.Max. Bandwidth: 1000MHz
- 6.Halogen-free low smoke flame-retardant polyolefin sheath, wear-resistant, anti-interference, more flexible, environmental friendly materials, compliant with ROHS standards
- 7.200m / 300m per roll or custom length

Parameter								
Model	Inner Conductor No./mm	Insulation (mm)		Shielded		Sheath (mm)		Package (m)
		Thickness	O.D.	Braid	Coverage	Thickness	O.D.	
SYWY75-5	1/1.02	1.2	4.8±0.20	64	40%	0.88	7.2±0.30	200/300
				96	60%	0.88	7.2±0.30	
				128	70%	0.88	7.2±0.30	
SYWY75-6	1/1.25	1.8	5.6±0.20	64	43%	0.92	7.8±0.30	200/300
				80	53%	0.92	7.8±0.30	
				96	59%	0.92	7.8±0.30	
SYWY75-7	1/1.66	2	7.25±0.25	96	45%	1.05	10.3±0.30	200/300
				128	55%	1.05	10.3±0.30	
				144	60%	1.05	10.3±0.30	
				176	70%	1.05	10.3±0.30	

SYWY75-9	1/2.15	2	9.0±0.25	96	40%	1.15	12.3±0.30	200/300
				128	50%	1.15	12.3±0.30	
				160	60%	1.15	12.3±0.30	
				192	75%	1.15	12.3±0.30	
SYWY75-12	1/2.77	3.2	11.5±0.25	128	40%	1.3	15.1±0.30	200/300
				160	50%	1.3	15.1±0.30	
				192	70%	1.3	15.1±0.30	

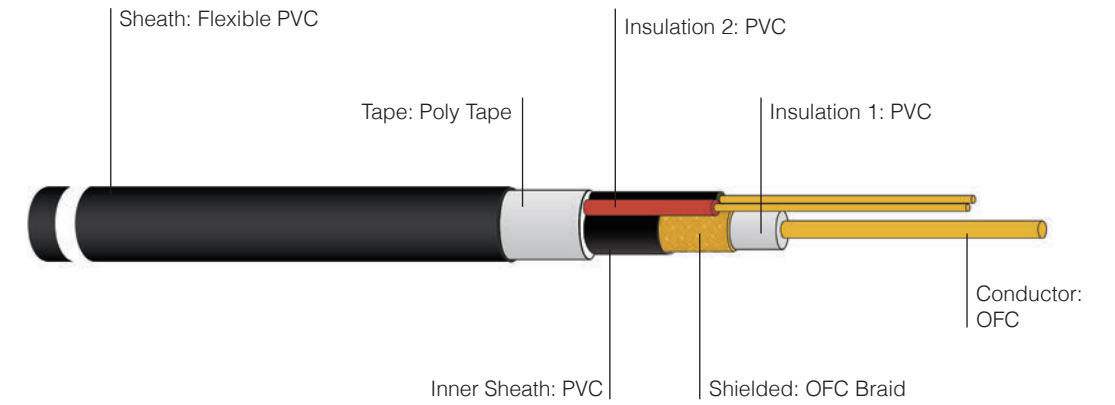
Parameter							
Item	Core Dielectric	Insulation Resistance	Sheath Dielectric	Characteristic Impedance	Attenuation at 20°C	Return Loss	Shielded Attenuation
Test	40-60Hz, 1min	500V(DC) 20°C	40-60Hz Spark Test	200MHz			
Unit	KV	MΩ.km	KV	Ω	dB/100m	dB	dB
SYWY-75-5	≥ 1.2	≥ 5000	≥ 3.0	75±3	5MHz ≤ 2.2	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 4.8		50MHz ≥ 60
					200MHz ≤ 9.7		200MHz ≥ 70
					550MHz ≤ 16.8		550MHz ≥ 70
					800MHz ≤ 20.3		800MHz ≥ 70
					1000MHz ≤ 24.2		
SYWY-75-6	≥ 1.2	≥ 5000	≥ 3.0	75±3	5MHz ≤ 1.8	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 3.8		50MHz ≥ 60
					200MHz ≤ 7.7		200MHz ≥ 70
					550MHz ≤ 13.4		550MHz ≥ 70
					800MHz ≤ 16.3		800MHz ≥ 70
					1000MHz ≤ 18.2		
SYWY-75-7	≥ 1.0	≥ 5000	≥ 5.0	75±2.5	5MHz ≤ 1.5	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 3.2		50MHz ≥ 60
					200MHz ≤ 6.4		200MHz ≥ 70
					550MHz ≤ 10.7		550MHz ≥ 70
					800MHz ≤ 13.3		800MHz ≥ 70
					1000MHz ≤ 15.1		
SYWY-75-9	≥ 1.0	≥ 5000	≥ 3.0	75±2.5	5MHz ≤ 1.2	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 2.4		50MHz ≥ 60
					200MHz ≤ 5.0		200MHz ≥ 70
					550MHz ≤ 8.5		550MHz ≥ 70
					800MHz ≤ 10.4		800MHz ≥ 70
					1000MHz ≤ 11.9		
SYWY-75-12	≥ 1.6	≥ 5000	≥ 5.0	75±2	5MHz ≤ 0.7	0~300MHz ≥ 20 > 300MHz ≥ 18	5MHz ≥ 60
					50MHz ≤ 1.9		50MHz ≥ 60
					200MHz ≤ 3.9		200MHz ≥ 70
					550MHz ≤ 6.7		550MHz ≥ 70
					800MHz ≤ 8.2		800MHz ≥ 70
					1000MHz ≤ 9.5		



09

Composite
Cable

RVV Composite Cable



Standards

Reference Standards: Enterprise Standards

Rated Voltage: 300/500V

Operating Temperature: 70°C



Applications

Applied to CCTV, video conference, video doorphone system, etc.

Characteristics

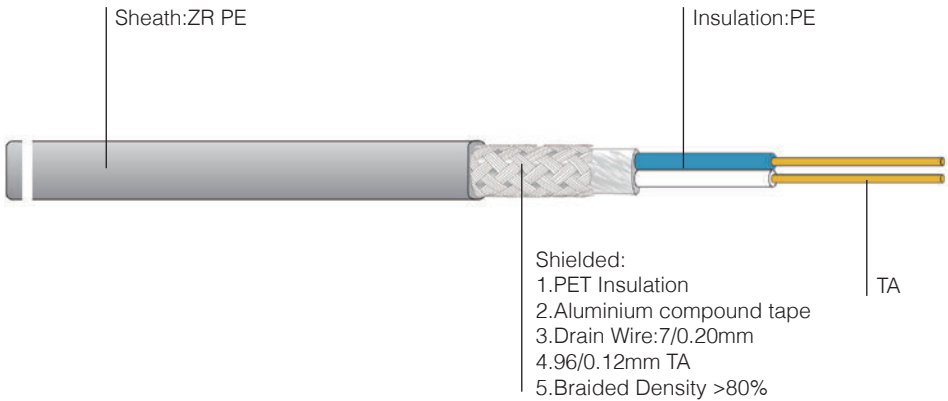
1. Conductor with high purity oxygen-free copper, low attenuation for signal transmission
2. Shielded: OFC high density braided coverage against EMI / RFI effectively
3. Halogen-free low smoke flame-retardant PVC sheath, wear-resistant, anti-interference, more flexible ,etc.
4. Power wires are designed in the cable to save cost
5. 200m / 300m per roll or custom-made



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Special Purpose Cable

RS485 Bus Cable



Standards

Reference Standard: GB/T16657.2-2008 GB/T19666-2005
Characteristic Impedance: 120±15Ω
Min. Bending Radius: 15 x cable O.D.
Operating Temperature: -40 -70°C

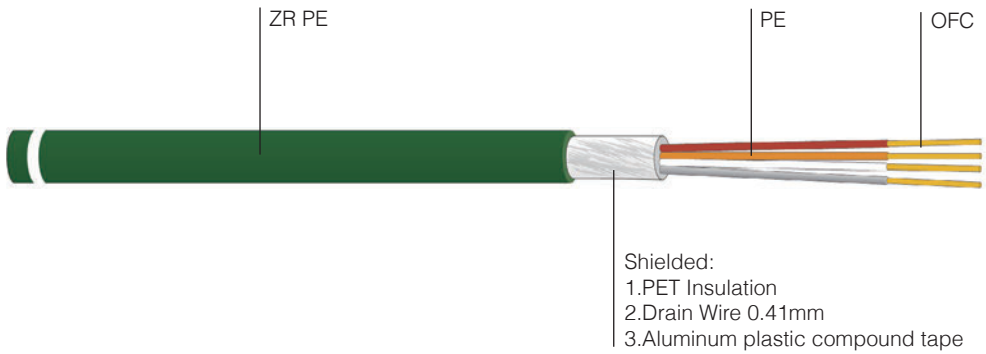
Applications

This product is suitable for rated voltage 300V and the following lighting, power tools and other equipment, control signals transmission, audio signal transmission of up to DC voltage 1000V, railway signal transmission and some automatic devices .

Characteristics

- 1.Nominal characteristic impedance: 120Ω
- 2.Nominal capacitance (conductor - conductor) at 1 MHz: 42nF / km
- 3.Nominal capacitance (conductor - conductor & Shielded) at 1 MHz: 75.5nF / km
- 4.DC resistance of the conductor at 20 : ≤ 90.9Ω / km
- 5.Nominal propagation speed: 66%
- 6.Nominal delay time: 5.25ns / m
- 7.Nominal attenuation at 1 MHz: 19.7 dB / km
- 8.Maximum operating voltage: 300V
- 9.Recommended maximum operating current: 2.1A (@ 25) 2.1A (@25)

BUS EIB Cable for Intelligent Building Control System



Standards

Reference Standard: GB/Z20965-2007 GB/T19666-2005
Characteristic Impedance: 100±15Ω
Min. Bending Radius: 10 x the cable O.D.
Operating Temperature: -40 -70°C

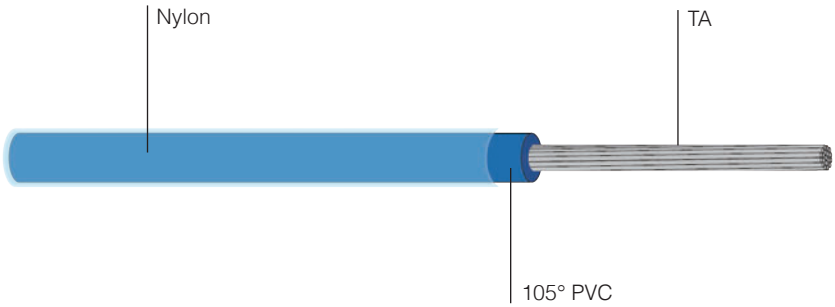
Applications

Applied to signal transmission of intelligent control system of government agencies, science and technology exhibition hall, community, conference hall, hotel, shopping mall, residential district and more.

Characteristics

- 1.Voltage: 250V
- 2.Loop resistance: 130Ω / km
- 3.Minimum Insulation Impedance: 100MΩ • km
- 4.Max. Capacitance (800HZ): 100nF / km
- 5.Attenuation (800HZ): Approx. 1.2dB / km
- 6.Operating temperature: -40 to 70
- 7.Implementation of standards: VDE0815 and EIB standards

FVN Nylon Cable



Standards

Reference Standard: JB/T 10261-2001
Rated Voltage: 300/500V, 450/750V
Operating Temperature: -60~105°C

Applications

Applied to aircraft low-voltage lines, highway test equipment and inductive coil line (electronic police system, sense coil line).

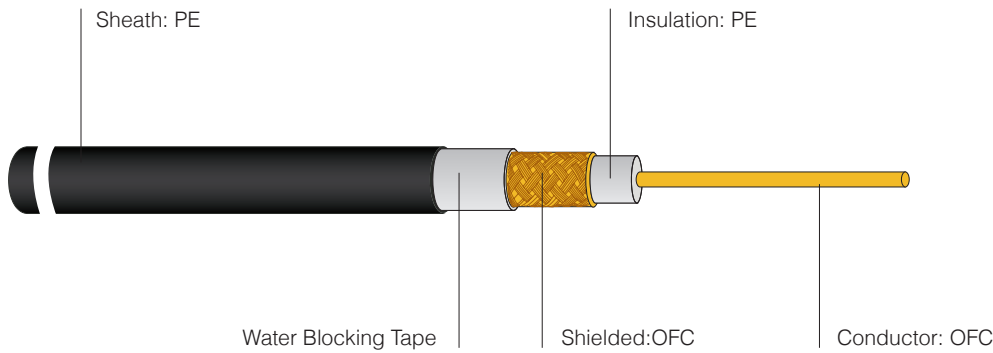
Characteristics

- 1. Multi-strands tinned copper wire, strong corrosion resistance
- 2. Special heat-resistant PVC insulation, heat-resistance, anti-aging
- 3. Sheath with high quality nylon material with wear-resistant, waterproof, cold-resistant, corrosion resistant and other characteristics
- 4. Cable can work in the relative humidity of 98%
- 5. Bending radius: > 6 x cable O.D.
- 6. Shielded wire can be customized.



Product Parameter						
Section Area mm ²	Conductor (No./mm)	Insulation Thickness (mm)	Nom. Sheath Thickness (mm)	Average Diameter mm		Max Conductor Resistance at 20°C Ω/km
				Before Shielded	Shielded	
0.3	16/0.15	0.35	0.12	1.7	2.2	71.2
0.5	28/0.15	0.35	0.12	2.0	2.5	40.1
0.75	42/0.15	0.35	0.12	2.1	2.6	26.7
1.0	32/0.20	0.35	0.14	2.3	2.7	20.0
1.5	30/0.25	0.4	0.14	2.7	3.2	13.7
2.5	50/0.25	0.5	0.14	3.6	4.1	8.21
4	49/0.32	0.6	0.16	4.4	4.9	5.09
6	84/0.30	0.6	0.16	5.1	5.6	3.39
10	19*7/0.32	0.9	0.20	6.6	7.1	1.95
16	19*7/0.39	1.0	0.20	8.3	8.9	1.24

FSP-SYV75 Water-proof Cold-resistant Coaxial Cable



Standards

Reference Standard: GB/T14864-2013
Min Bending Radius: 6 x cable O.D. (fixed installation), 15 x cable O.D. (movable installation)
Operating Temperature: -25 to 70°C



Applications

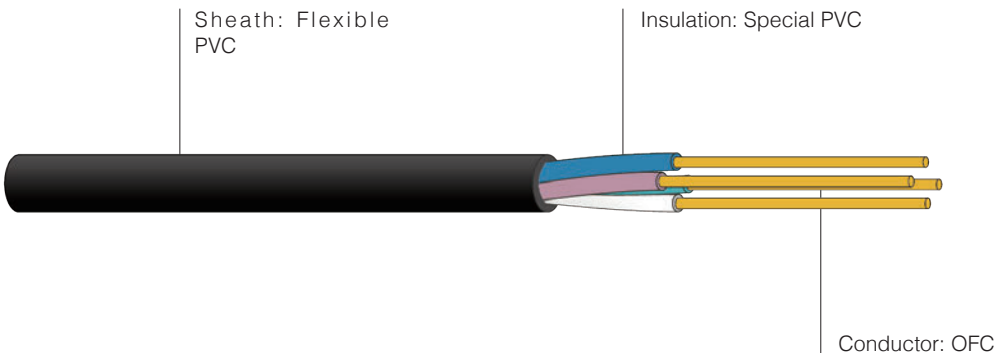
For CCTV, video conferencing, video intercom system to transmit analog signals in outdoor damp or low temperature environment.

Characteristics

- 1. Conductor: high purity oxygen-free copper, low attenuation of signal transmission
- 2. Shielded with bare copper high-density coverage to prevent external electromagnetic interference effectively
- 3. Characteristic Impedance: 75 ± 3Ω
- 4. High-quality water-blocking, cold-resistant polyethylene sheath, anti-aging, wear resistant, flexible and strength
- 5. 200m / 300m per roll or custom-made

FSP-SYV Water-proof Cold-resistant Coaxial Cable												
Model	Inner Conductor			Insulation (mm)		Material	Sheath (mm)			Attenuation at 20°C		Insulation Resistance (MΩ/km)
	Material	No. X Dia.	Nom. O.D.	Min. Thickness	O.D.		Thickness	O.D.		Freq MHz	Max. dB/m	
SYV75-3	OFC	7X0.17mm	0.51	1.05	3.0±0.13	PE	0.66	0.45	5.0±0.25	200	0.280	5000
SYV75-4	OFC	7X0.21mm	0.63	1.25	3.7±0.13		0.85	0.65	6.0±0.20		0.950	
SYV75-4	OFC	1X0.59mm	0.59	1.25	3.7±0.13		0.8	0.6	6.0±0.20		0.190	
SYV75-5	OFC	1X0.75mm	0.75	1.60	4.8±0.20		0.92	0.74	7.2±0.20		0.150	
SYV75-7	OFC	7X0.4mm	1.20	2.40	7.25±0.25		1.05	0.85	10.3±0.30		0.120	
SYV75-7	OFC	1X1.15mm	1.15	2.50	7.25±0.25		1.05	0.85	10.3±0.30		0.100	
SYV75-9	OFC	1X1.37mm	1.37	3.20	9.0±0.30		1.18	0.96	12.2±0.40		0.088	
SYV75-12	OFC	7X0.63mm	1.89	3.80	11.5±0.30		1.3	1	15.0±0.40		0.080	
SYV75-17	OFC	7X0.95mm	2.85	6.40	17.3±0.40		1.8	1.5	22.0±0.50		0.053	
SYV75-17	OFC	1X2.7mm	2.70	6.60	17.3±0.40		1.85	1.55	22.7±0.50		0.059	

TRVV Flexible Drag Chain Cable



Standards

Reference Standards: Enterprise standards
Rated Voltage: Section<0.5mm2:300/300V
Section≥ 0.5mm2:300/500V
Conductor: Multi-pair OFC, Class 6
Insulation: Special PVC
Sheath: High flexible Sheath

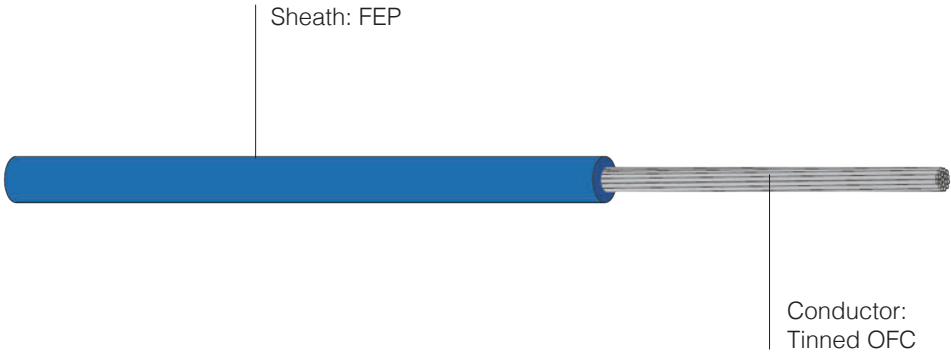
Applications

Applied to power circuits and control measurements, and also Applied to the automation industry, assembly lines, production lines. Such as robot reciprocating motion, robot arm, car door, engraving machine, machine tooling equipment, woodworking machinery, logistics and delivery systems, cranes and metallurgical industries, etc.

Characteristics

Operating Temperature
Fixed Installation: -30 to +70°C
Mobile Installation: -20 to +70°C
Min. Bending Radius
Fixed Installation: 5 x cable diameter
Movable Installation: Distance 10 m bending radius is 10 times than cable diameter
Distance≥ 1 0 m, bending radius is 12 times than cable diameter
With oil resistant, anti-radiation, cold-resistant, wear resistant and withstand mechanical strength
Suitable for drag chain systems in more than 300 times of bending constantly.

AF-200 High Temperature Cable



Standards

Rated Voltage: 600V
Operating Temperature: -65 to +200°C
Conductor: Solid or Stranded Tinned Copper
Insulation: FEP
Color: Red/Yellow/white/blue/black/brown,etc.

Applications

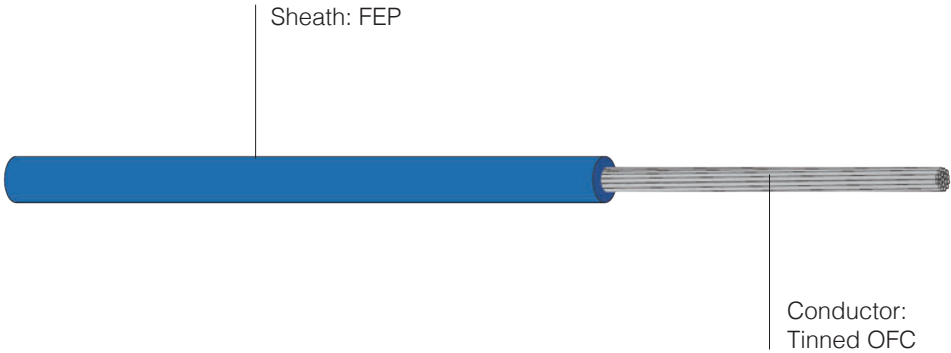
In electronic industry, can be used for temperature compensation wire, low temperature wire, high temperature heating wire, anti-aging wire and flame retardant wire; In household appliances industry, can be used for air conditioners, microwave ovens, electronic disinfection cabinets, rice cookers, electric ovens, lamps lighting Internal cabling.

Characteristics

With excellent corrosion resistance, anti-oil, acid, strong oxidants, etc and excellent electrical insulation performance, high voltage resistance, high frequency loss, moisture absorption, insulation resistance; excellent flame resistance, anti-aging properties, the use of long working life.

Parameter				
Standard Section mm ²	Conductor	Thickness of Sheath mm	Diameter mm	Max Conductor Resistance at20 (Ω/km)
0.08	7/0.12	0.20	0.78	245
0.12	1/0.40	0.20	0.80	146.9
0.12	7/0.15	0.25	0.95	163.0
0.20	7/0.20	0.25	1.10	90.4
0.20	1/0.50	0.25	1.0	94.0
0.30	1/0.60	0.25	1.10	65.3
0.35	19/0.16	0.25	1.30	53.1
0.50	19/0.18	0.25	1.40	40.1
0.50	1/0.80	0.30	1.40	36.7
0.75	19/0.23	0.25	1.70	24.6
1.0	19/0.26	0.25	1.80	20.4
1.0	1/1.13	0.30	1.80	16.5
1.5	19/0.32	0.30	2.25	12.7
2.0	19/0.37	0.30	2.45	10.0
2.5	19/0.41	0.40	2.80	7.43
2.5	1/1.78	0.40	2.60	7.56
4.0	37/0.37	0.40	3.40	4.88
6.0	37/0.45	0.50	4.20	3.30
10	133/0.32	0.5	5.8	1.82
16	133/0.39	0.6	7.0	1.22
25	196/0.40	0.6	8.8	0.795
35	494/0.30	0.7	10.4	0.565
50	396/0.40	0.8	12.2	0.393
70	551/0.40	1.0	14.6	0.277
95	760/0.40	1.2	17.2	0.210

AF-250 High Temperature Cable



Standards

Rated Voltage: 600V
Operating Temperature: -80 to +250°C, it can work up to 300°C for short time
Conductor: Solid or Stranded Silver or Tinned Copper
Insulation: FEP
Color: Red/Yellow/white/blue/black/brown,etc.

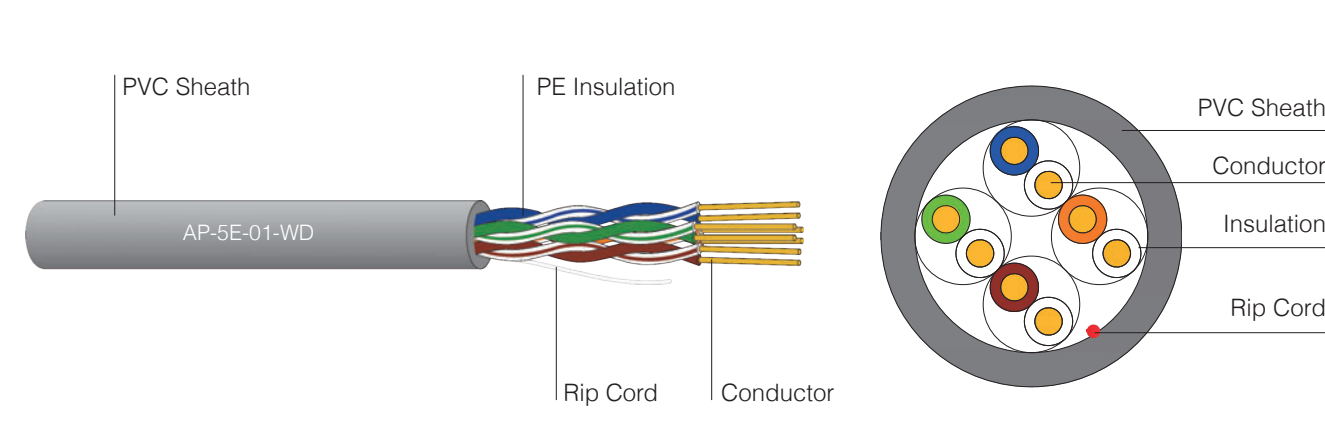
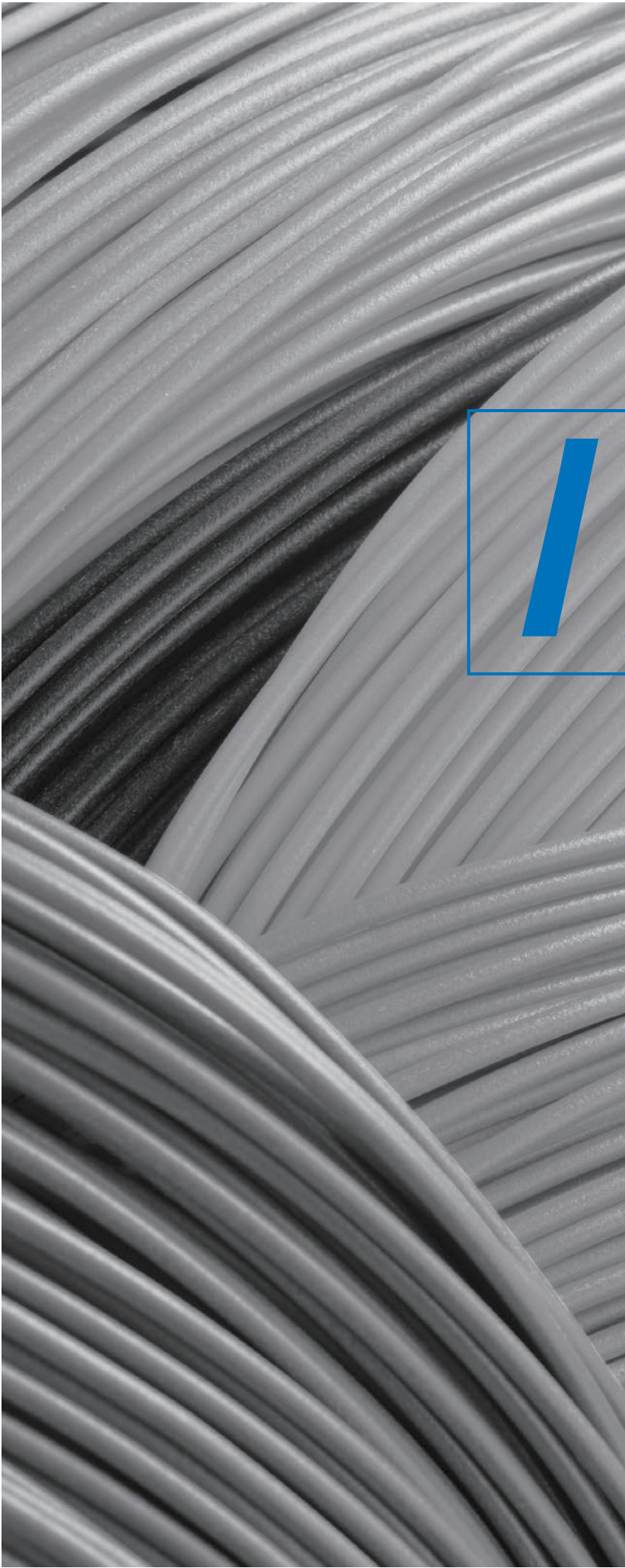
Applications

In electronic industry, can be used for temperature compensation wire, low temperature wire, high temperature heating wire, anti-aging wire and flame retardant wire; In household appliances industry, can be used for air conditioners, microwave ovens, electronic disinfection cabinets, rice cookers, electric ovens, lamps lighting Internal cabling.

Characteristics

With excellent corrosion resistance, anti-oil, acid, strong oxidants, etc and excellent electrical insulation performance, high voltage resistance, high frequency loss, moisture absorption, insulation resistance; excellent flame resistance, anti-aging properties, the use of long working life.

Parameter				
Standard Section mm ²	Conductor	Thickness of Sheath mm	Diameter mm	Max Conductor Resistance at20 (Ω/km)
0.08	7/0.12	0.22	0.80	227
0.12	7/0.15	0.25	0.95	150.0
0.20	7/0.20	0.30	1.20	83.5
0.35	19/0.16	0.30	1.40	49.5
0.50	19/0.18	0.30	1.60	36.0
0.75	19/0.23	0.35	1.85	22.7
1.0	19/0.26	0.35	2.00	19.0
1.5	19/0.32	0.40	2.40	11.7
2.0	19/0.37	0.40	2.65	9.45
2.5	19/0.41	0.50	3.10	6.86
4.0	37/0.37	0.50	3.60	4.51
6.0	37/0.45	0.50	4.20	3.05
10	133/0.32	0.50	5.80	1.68
16	133/0.39	0.60	7.00	1.13
25	196/0.40	0.60	8.8	0.734
35	494/0.30	0.70	10.4	0.511
50	396/0.40	0.8	12.2	0.358
70	551/0.40	1.0	14.6	0.270
95	760/0.40	1.2	17.2	0.210



Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps

Widely used for horizontal cabling in working area and LAN indoor, meets or exceeds Cat.5e standard

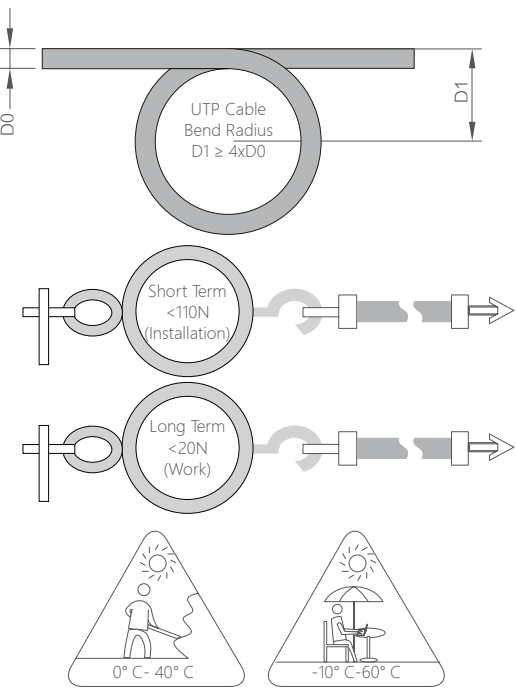
YD/T 1019-2013

Parameter	Data
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Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	0.88±0.01mm
Sheath Material	PVC
Overall Diameter	5.3±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application



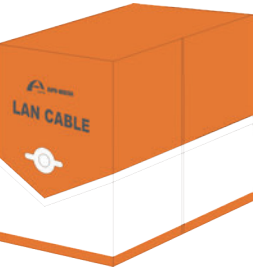
Installation Bend Radius:
> 4x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 11.4kgs
Stack: 5



Order Information

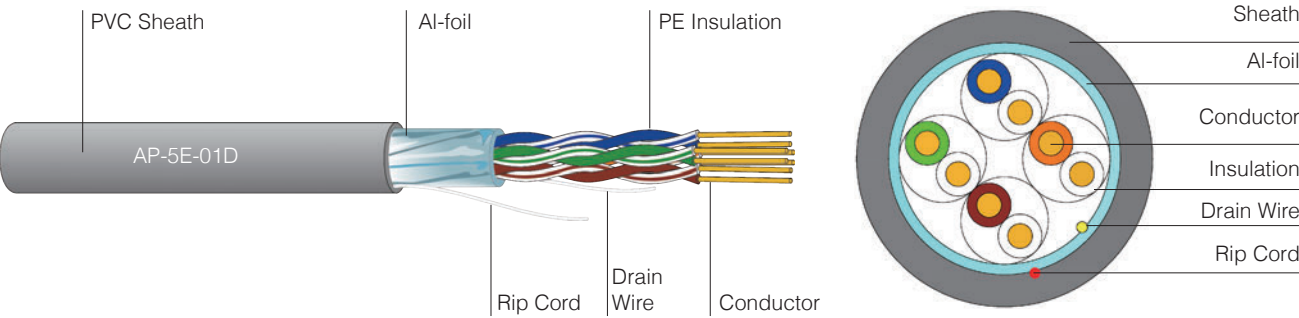
Model No.	Model Name	Package	Unit	Color
AP-5E-01	Cat.5e UTP	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.5e 4-Pair F/UTP



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Anti-EMI for confidential system, widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, reliable electric transmission, meets or exceeds Cat.5e standard
Wrapping 0.06mm thickness Al-foil over 4pairs to improve antiinterference to 85dB, which is 20dB higher than UTP cable, used in EMI environment for signal Shielded and confidentiality

Standard

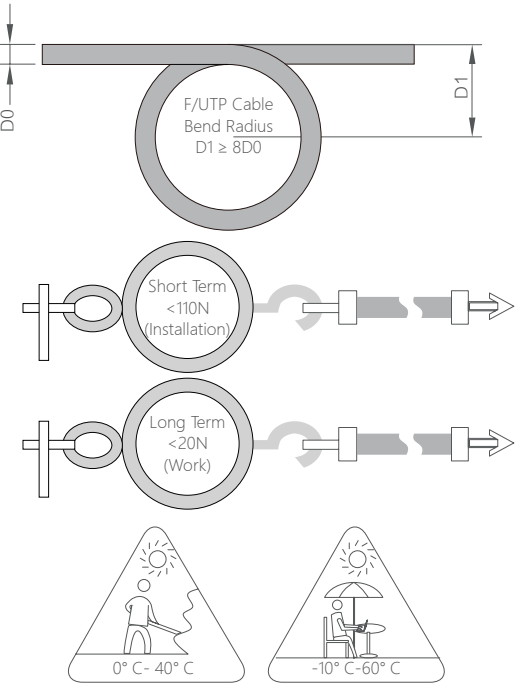
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	1.0±0.1mm
Sheath Material	PVC
Overall Diameter	6.0±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
Unbalanced DCR Between Pairs	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



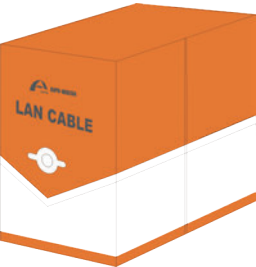
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 14.5kgs
Stack: 5



Order Information

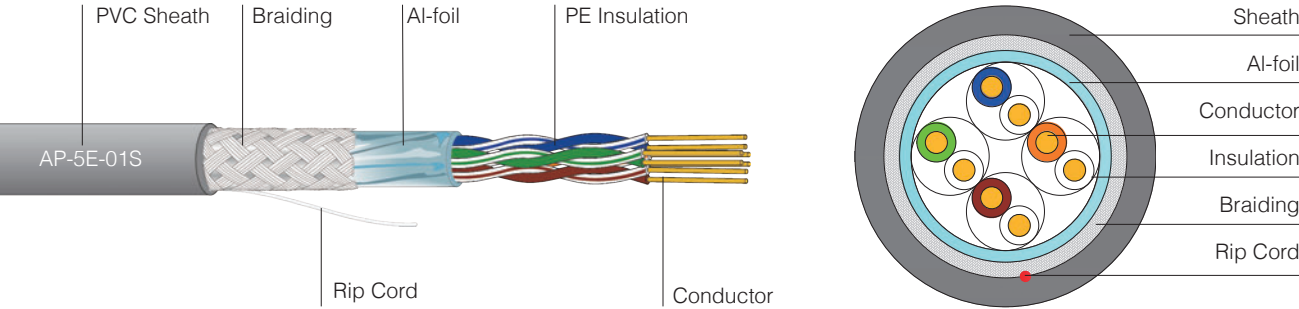
Model No.	Model Name	Package	Unit	Color
AP-5E-01D	Cat.5e F/UTP	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.5e SF/UTP



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Anti-EMI function for high-level confidential system, widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, reliable electric transmission, meets or exceeds Cat.5e standard
rapping 0.06mm thickness Al-foil and TC braiding Shielded over 4p wires to improve anti-interference to 90dB, which is 25dB higher than UTP cable, used in EMI environment for high-level signal Shielded and confidentiality

Standard

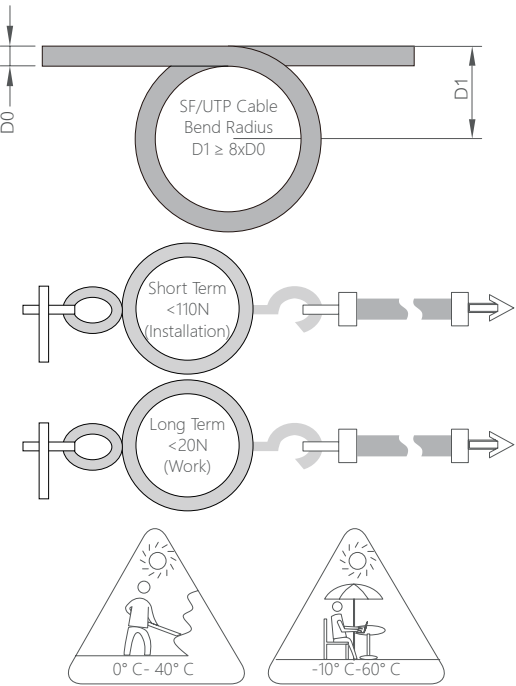
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	0.92±0.02mm
Sheath Material	PVC
Overall Diameter	6.4±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



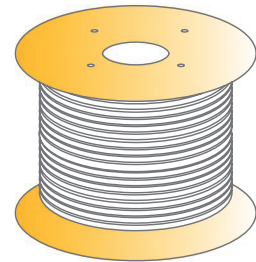
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m (1000ft) / Reel
Reel: (Φ)350mm x (H)300mm
G.W.: 16.7kgs
Stack: 6



Order Information

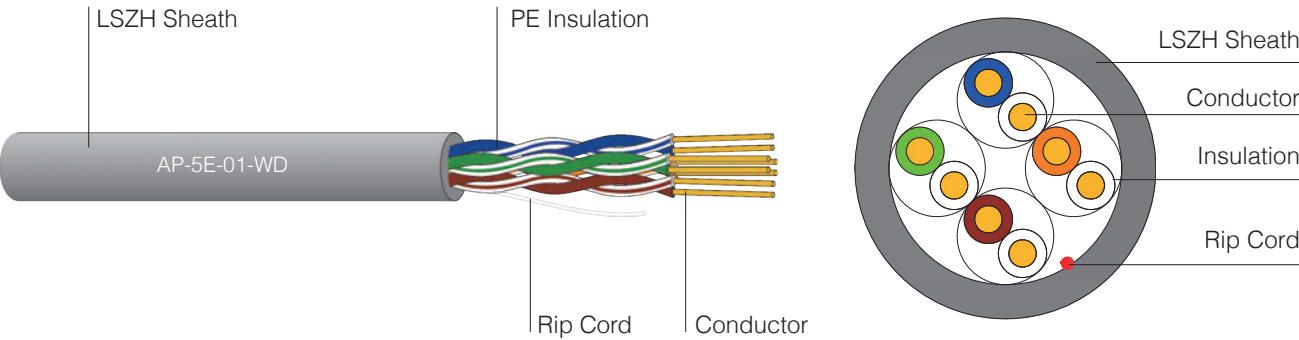
Model No.	Model Name	Package	Unit	Color
AP-5E-01S	Cat.5e SF/UTP	305m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.5e UTP with LSZH Sheath



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Widely used for horizontal cabling in working area and LAN indoor, meets or exceeds Cat.5e standard
High grade OFC (oxygen free copper) conductor, reliable electric transmission
Comparing with Nom. PVC sheath, LSZH emits lower smoke when burnt (according to IEC 61034) and chloric acid <2mg/g (according to IEC 60754), decreasing smoke density and hazards for escape and rescue, eco-friendly product

Standard

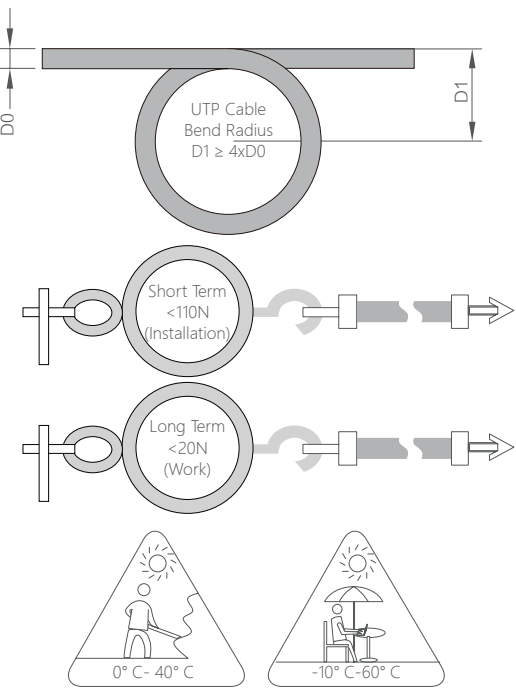
YD/T 1019-2013
GB/T 17650.1-1998
GB/T 17651.1-2-1998
IEC 61034
IEC 60754

Specification

Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	0.88±0.01mm
Sheath Material	LSZH
Overall Diameter	5.3±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application



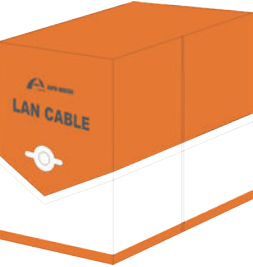
Installation Bend Radius:
> 4x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 11.4kgs
Stack: 5



Order Information

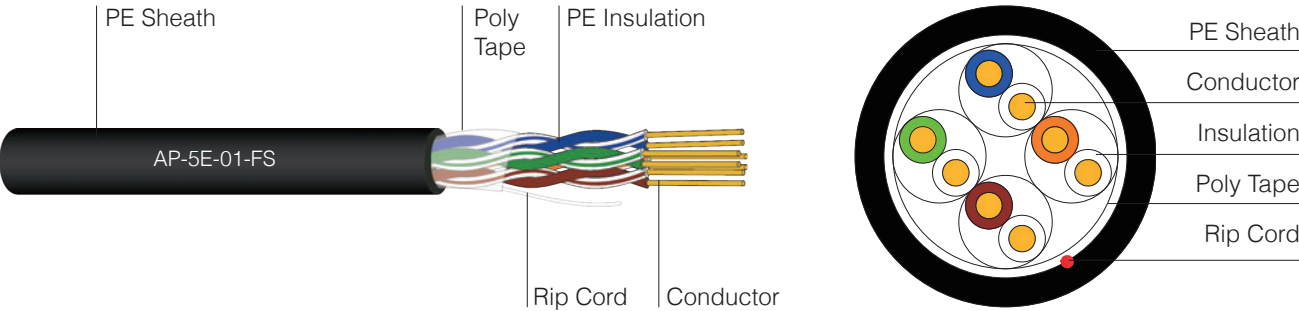
Model No.	Model Name	Package	Unit	Color
AP-5E-01-WD	Cat.5e UTP LSZH	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.5e UTP Cable Outdoor



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Widely used for outdoor horizontal cabling, LAN, by aerial or on wall
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meets or exceeds Cat.5e standard
PE with good water blocking ability instead of PVC jacket and 4pairs wrapped by polyester tape used under water environment in short term (not immersing in water) and UV environment long term

Standard

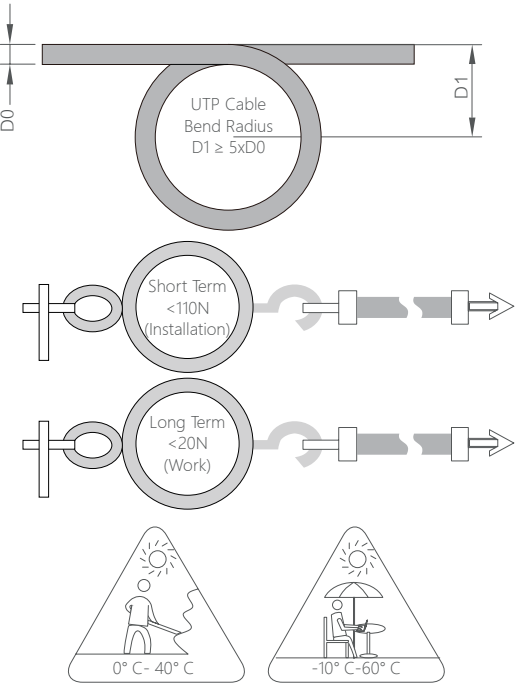
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	0.88±0.01mm
Sheath Material	PE
Overall Diameter	5.2±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor / Outdoor Application
Not for application to be immersed in water



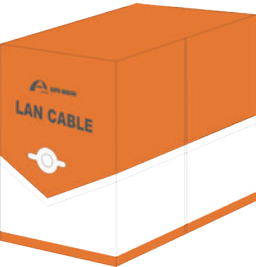
Installation Bend Radius:
> 5x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 11kgs
Stack: 6



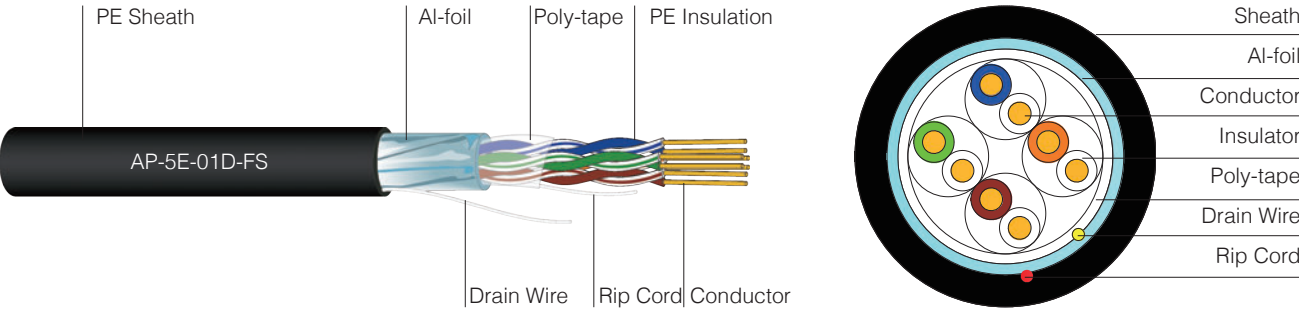
Order Information

Model No.	Model Name	Package	Unit	Color
AP-5E-01-FS	Cat.5e F/UTP Outdoor	305m/Box	Box	Black

Custom-made

Sheath color can be custom-made.

Cat.5e FUTP Cable Outdoor



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Anti-EMI for confidential system, widely used for horizontal cabling in working area and LAN outdoor by aerial or on wall
High grade OFC (oxygen free copper) conductor, reliable electric transmission, meets or exceeds Cat.5e standard
Wrapping 0.06mm thickness Al-foil outer 4p wires to improve anti-interference to 85dB, which is 20dB higher than UTP cable, used in EMI environment for signal Shielded and confidentiality. PE with polyester tape wrapped over 4pairs for good water blocking ability used under water environment in short term (not immersing in water) and UV environment long term

Standard

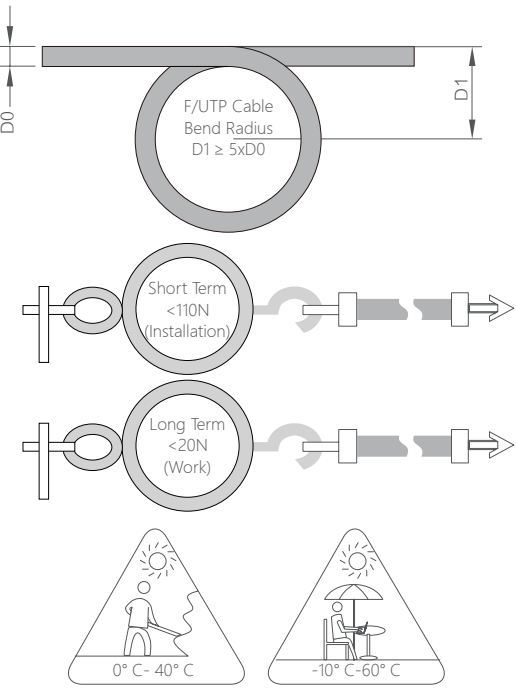
YD/T 1019-2013

Specification

Parameter Data	Data
Conductor Diameter	24AWG
Insulation Diameter	1.0±0.1mm
Sheath Material	PE
Overall Diameter	6.0±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor / Outdoor Application
Not for application to be immersed in water



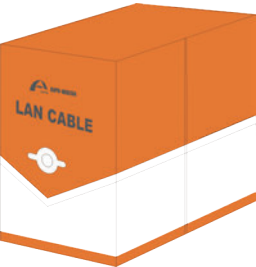
Installation Bend Radius:
> 5x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 11kgs
Stack: 6



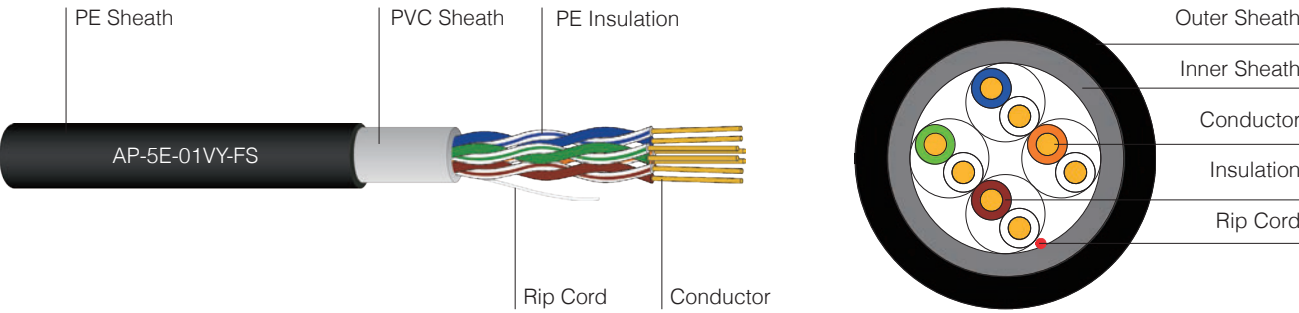
Order Information

Model No.	Model Name	Package	Unit	Color
AP-5E-01D-FS	Cat.5e F/UTP Outdoor	305m/Box	Box	Black

Custom-made

Sheath color can be custom-made.

Cat.5e UTP Cable Double Sheath (PE+PVC)



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
Widely used for outdoor horizontal cabling, LAN, by aerial or on wall
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meets or exceeds Cat.5e standard
Double Sheath (PE+PVC) with good water blocking ability used under water environment in short term (not immersing in water) and UV environment long term

Standard

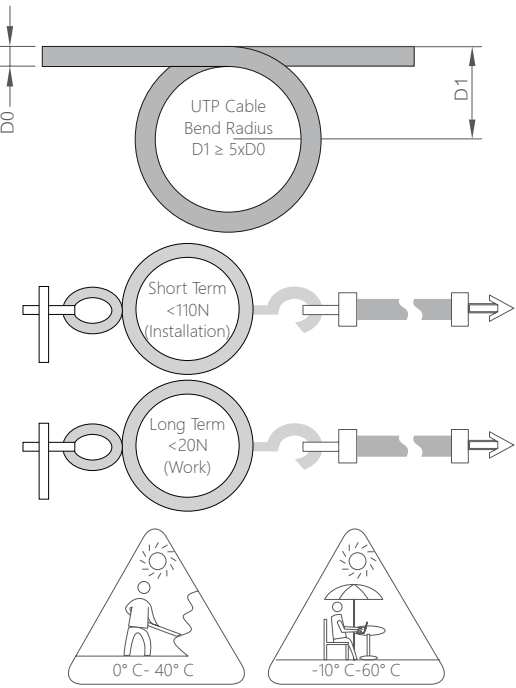
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	24AWG
Insulation Diameter	0.89±0.05mm
Inner Sheath Material	PVC
Outer Sheath Material	PE
Overall Diameter	6.0±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor / Outdoor Application
Not for application to be immersed in water



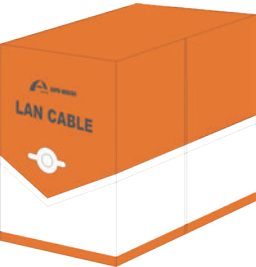
Installation Bend Radius:
> 5x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)360 x (W)360 x (L)220mm
G.W.: 11kgs
Stack: 6



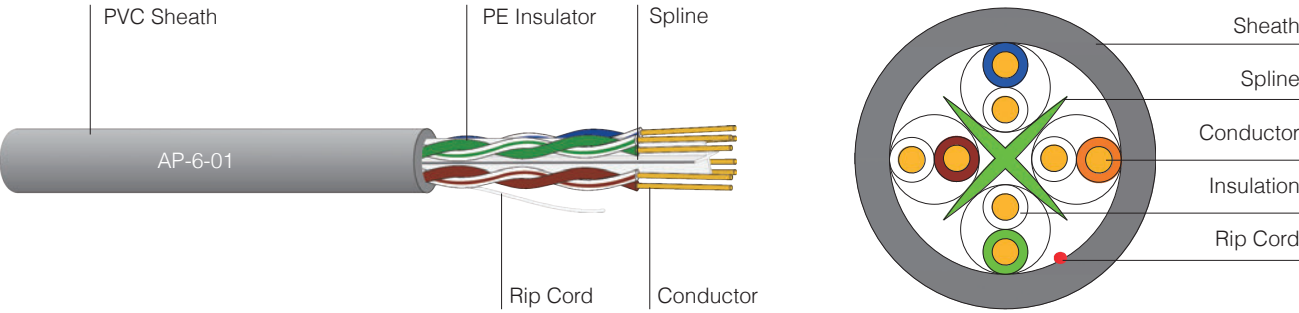
Order Information

Model No.	Model Name	Package	Unit	Color
AP-5E-01VY-FS	Cat.5e Outdoor (PE+PVC)	305m/Box	Box	Black

Custom-made

Sheath color can be custom-made.

Cat.6 UTP Cable



Description

Provide 250MHz bandwidth in 100m, typical speed rate:1000Mbps
Widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, 4pairs separately design by crossed PE spline, reliable transmission performance, meets or exceeds standard, provide plentiful redundancy for system link, fast and convenient installation

Standard

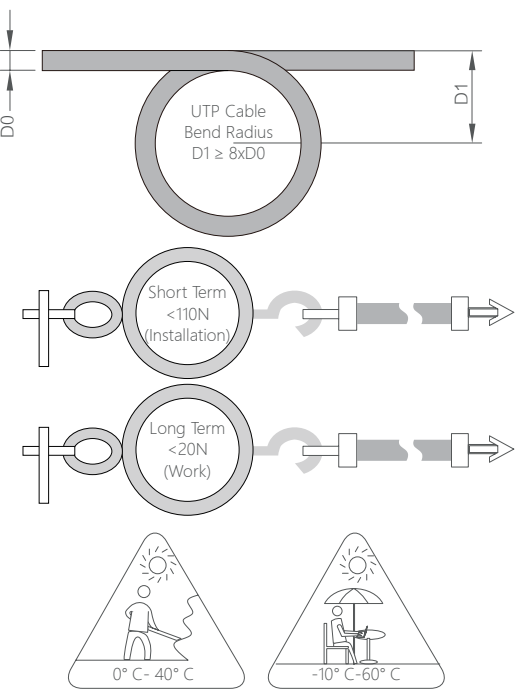
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.02±0.05mm
Sheath Material	PVC
Overall Diameter	6.3±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application



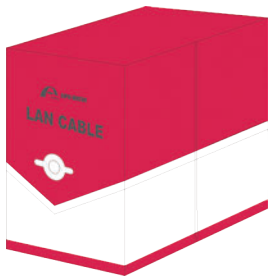
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40° C
Operating Temp: -10~60° C

Package

305m(1000ft) / Box
Box: (H)410 x (W)410 x (L)230mm
G.W.: 15kgs
Stack: 6



Order Information

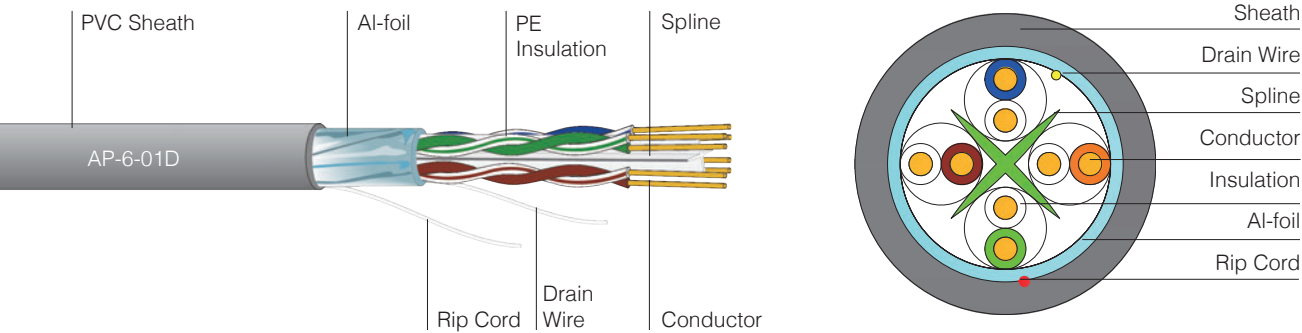
Model No.	Model Name	Package	Unit	Color
AP-6-01	Cat.6 UTP Cable	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.6 F/UTP Cable



Description

Provide 250MHz bandwidth in 100m, typical speed rate: 1000Mbps
Widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, 4pairs separately design by crossed PE spline, reliable transmission, performance, meets or exceeds Cat.6 standard, provide plentiful redundancy for system link
Wrapping 0.06mm thickness Al-foil Shielded over 4p wires to improve anti-interference to 85dB, 20dB higher than UTP cable, used in EMI environment for signal Shielded and confidentiality

Standard

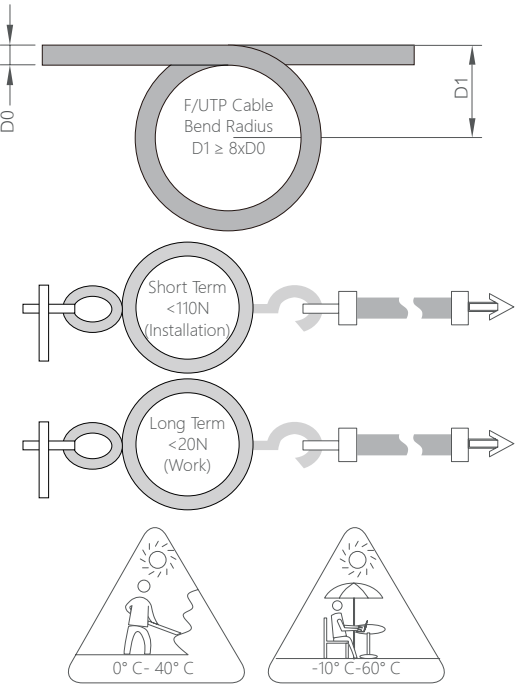
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.1±0.1mm
Sheath Material	PVC
Overall Diameter	7.6±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



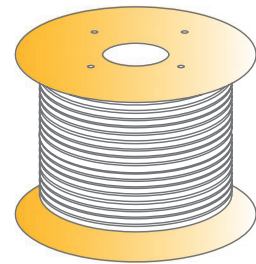
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp:0~40°C
Operating Temp:-10~60°C

Package

305m(1000ft) / Reel
Reel: (Φ)350mm x (H)300mm
Reel: 19kgs
Stack: 5



Order Information

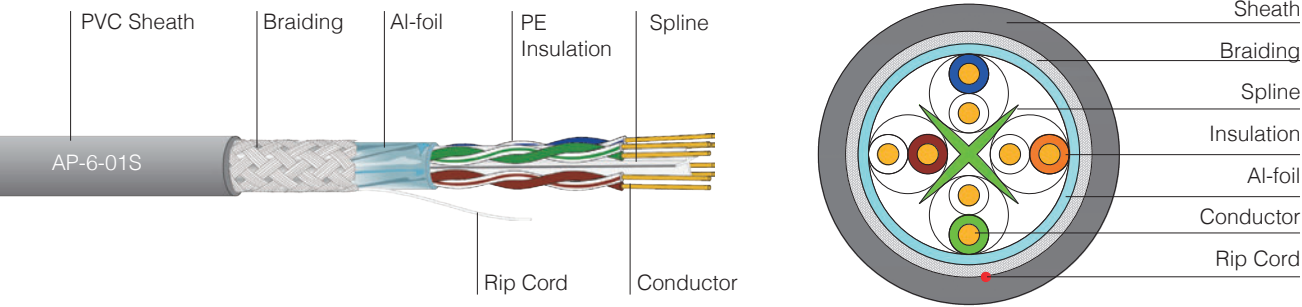
Model No.	Model Name	Package	Unit	Color
AP-6-01D	Cat.6 F/UTP Cable	305m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.6 SF/UTP Cable



Description

Provide 250MHz bandwidth in 100m, typical speed rate: 1000Mbps
Widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, 4pairs separatelyf design by crossed PE spline, reliable transmission performance, meets or exceeds Cat.6 standard, provide plentiful redundancy for system link
Wrapping 0.06mm thickness Al-foil and TC braid Shielded over 4p wires to improve anti-interference to 90dB, 25dB higher than UTP cable, used in EMI environment for high-level signal Shielded and confidentiality

Standard

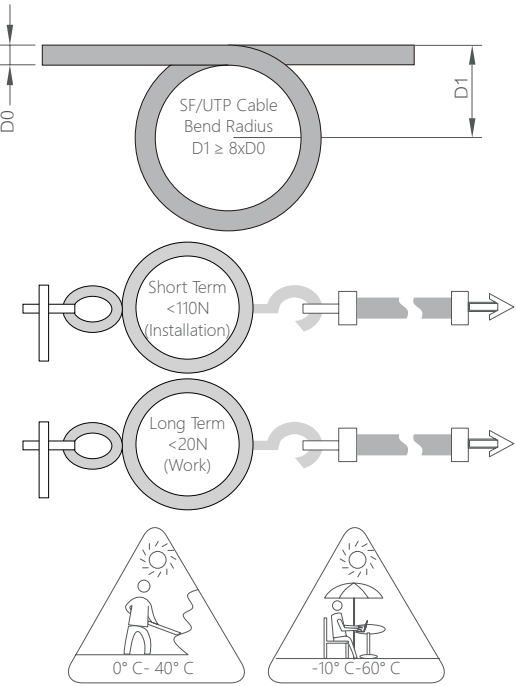
GB 50311-2007
YD/T 926.2-2009

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.1±0.05mm
Sheath Material	PVC
Overall Diameter	7.6±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



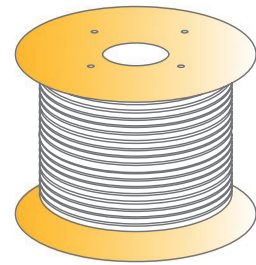
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp:0~40°C
Operating Temp:-10~60°C

Package

305m(1000ft) / Reel
Reel: (Φ)350mm x (H)300mm
G.W.: 21.2kgs
Stack: 5



Order Information

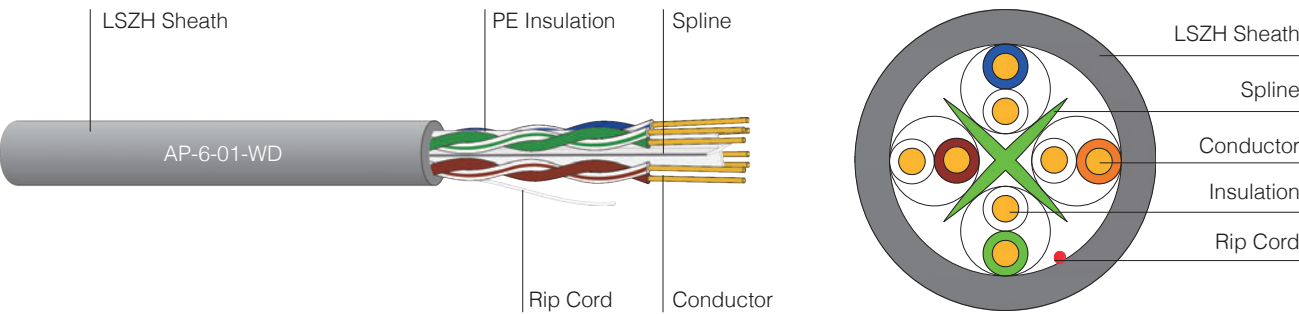
Model No.	Model Name	Package	Unit	Color
AP-6-01S	Cat.6 SF/UTP Cable	305m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.6 UTP Cable LSZH



Description

Provide 250MHz bandwidth in 100m, typical speed rate: 1000Mbps
Widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, reliable transmission performance
Comparing with Nom. PVC jacket, LSZH emits much lower smoke emission when burnt (IEC 61034), chloric acid <2mg/g (IEC 60754), decreasing smoke density and hazards for escape and rescue, eco-friendly product

Standard

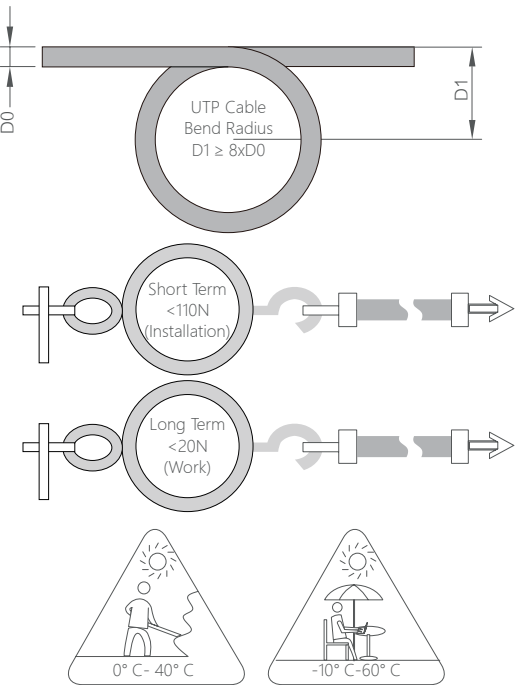
YD/T 1019-2013
GB/T 17650.1-1998
GB/T 17651.1-2-1998
IEC 61034
IEC 60754

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.06±0.05mm
Sheath Material	LSZH
Overall Diameter	6.3±0.3mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application



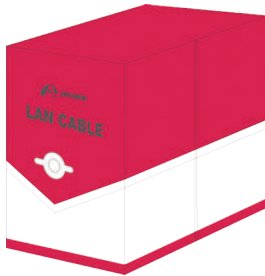
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp:0~40°C
Operating Temp:-10~60°C

Package

305m(1000ft) / Box
Box: (H)410 x (W)410 x (L)230mm
Box: 15kgs
Stack: 6



Order Information

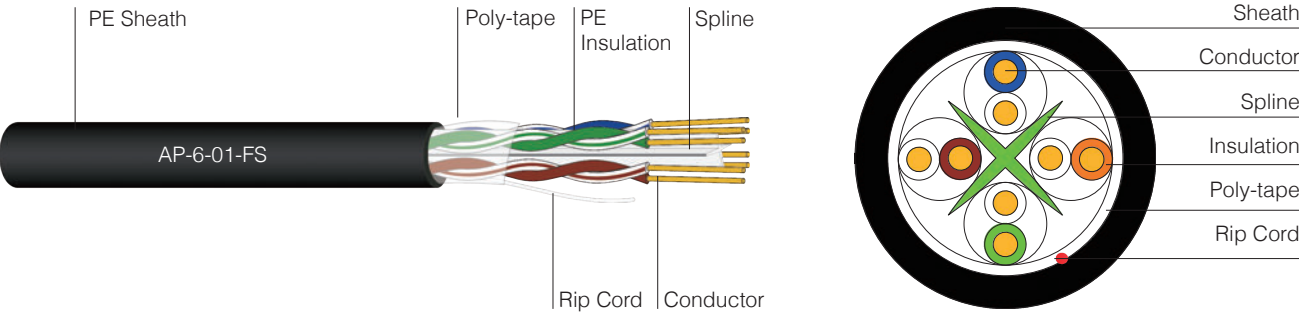
Model No.	Model Name	Package	Unit	Color
AP-6-01-WD	Cat.6 UTP LSZH	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.6 UTP Cable Outdoor



Description

Provide 250MHz bandwidth in 100m, typical speed rate: 1000Mbps
Widely used for horizontal cabling in working area and LAN outdoor by aerial or on wall
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meets or exceeds Cat.6 standard
PE with polyester tape wrapped over 4pairs for good water blocking ability used under water environment in short term (not immersing in water) and UV environment long term

Standard

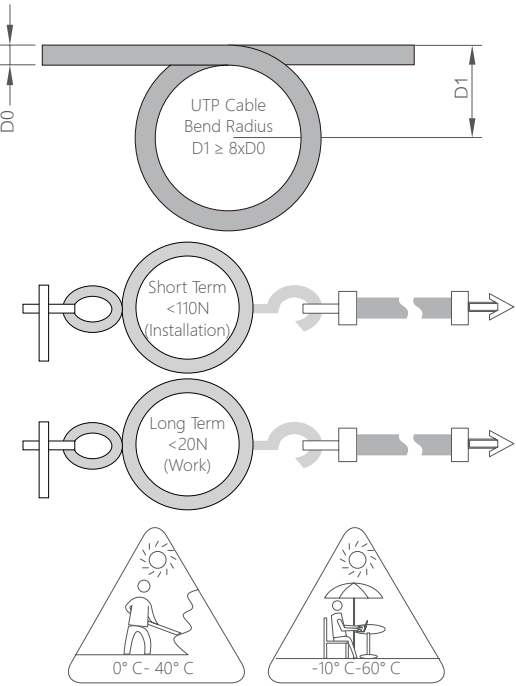
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.06±0.05mm
Sheath Material	PE
Overall Diameter	6.2±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Not for application to be immersed in water



Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp:0~40°C
Operating Temp:-10~60°C

Package

305m(1000ft) / Box
Box: (H)410 x (W)410 x (L)230mm
Box: 15kgs
Stack: 6



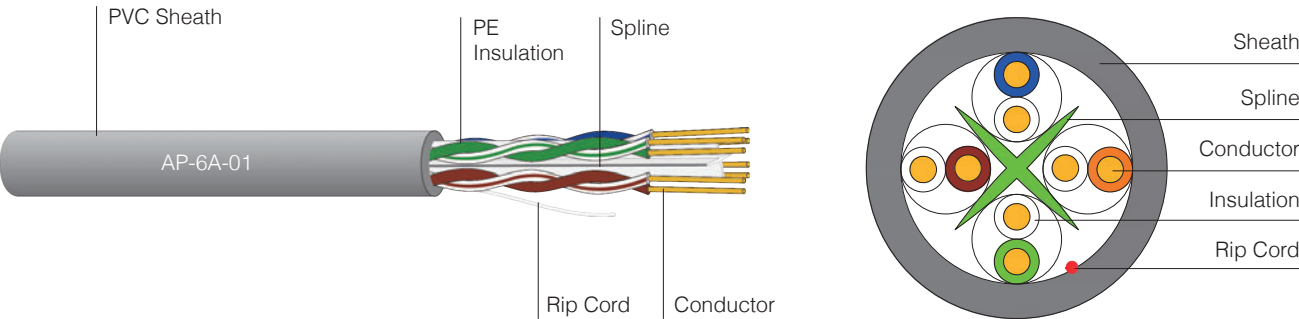
Order Information

Model No.	Model Name	Package	Unit	Color
AP-6-01-FS	Cat.6 UTP Outdoor	305m/Box	Box	Black

Custom-made

Sheath color can be custom-made.

Cat.6A UTP Cable



Description

Provide 500MHz bandwidth in 100m, typical speed rate: 10Gbps
Widely used for horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, 4pairs separately design by crossed PE Spline, reliable transmission performance, meets or exceeds Cat.6a standard, provide plentiful redundancy for system link, fast and convenient installation

Standard

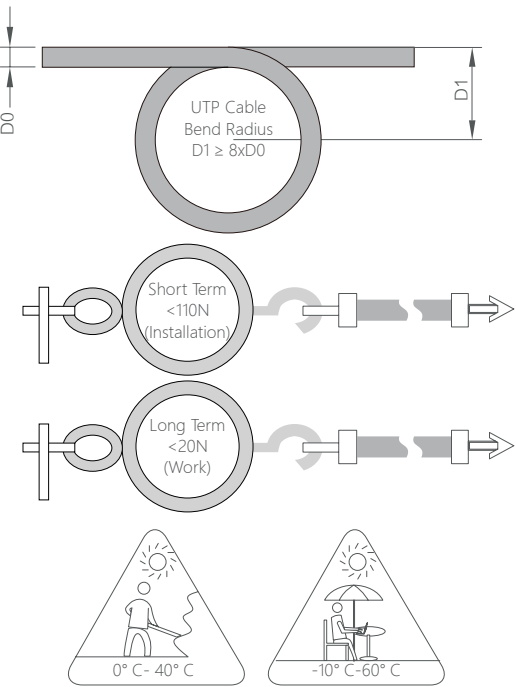
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.1±0.1mm
Sheath Material	PVC
Overall Diameter	6.6±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application



Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp:0~40°C
Operating Temp:-10~60°C

Package

305m(1000ft) / Box
Box: (H)410 x (W)410 x (L)230mm
G.W.: 16kgs
Stack: 5



Order Information

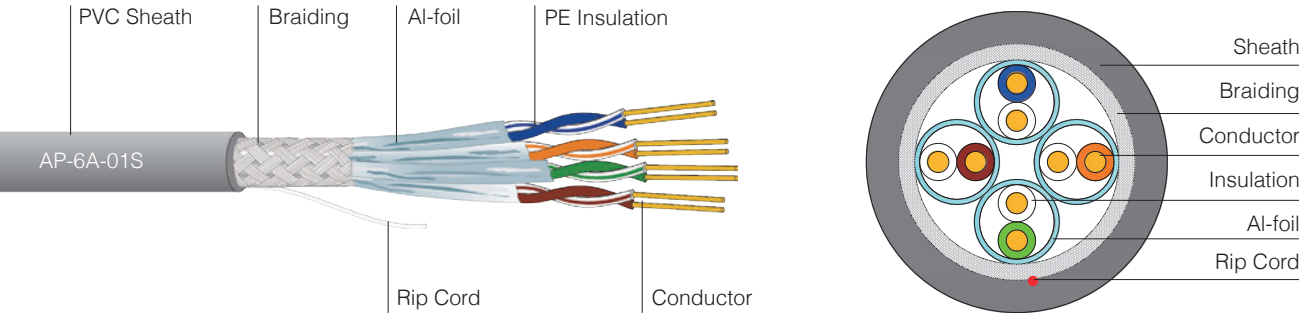
Model No.	Model Name	Package	Unit	Color
AP-6A-01	Cat.6a UTP Cable	305m/Box	Box	Grey

Custom-made

Sheath color can be custom-made.



Cat.6A SFTP



Description

Provide 500MHz bandwidth in 100m, typical speed rate: 10Gbps
Optimized Cat.6a design(S/FTP) for high-level Shielded confidential system anti-EMI, used in horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meets or exceeds Cat.6a standard
Wrapping Al-foil paired separately and TC braid Shielded over 4p wires to improve anti-interference to 90dB, 25dB higher than UTP cable, used in EMI environment for high-level signal Shielded and confidentiality

Standard

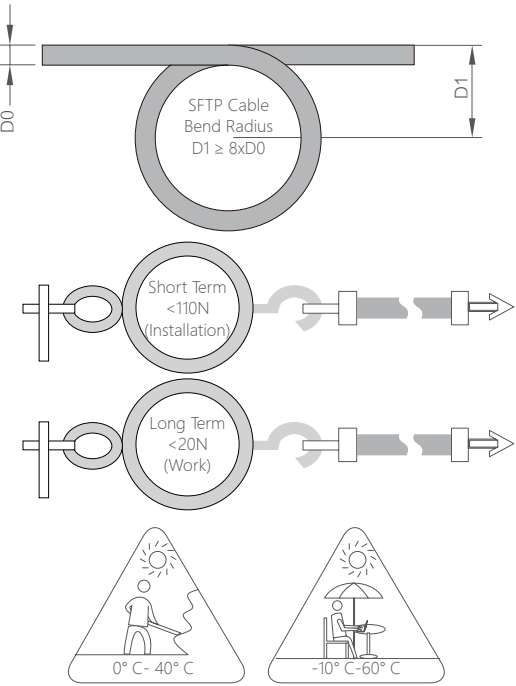
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.15±0.05mm
Sheath Material	PVC
Overall Diameter	7.0±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



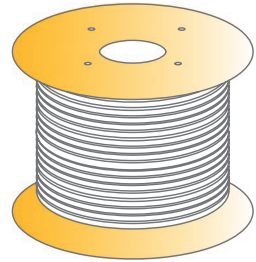
Installation Bend Radius:
> 8x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

305m(1000ft) / Reel
Reel: (Φ)350mm x (H)300mm
G.W.: 19kgs
Stack: 5



Order Information

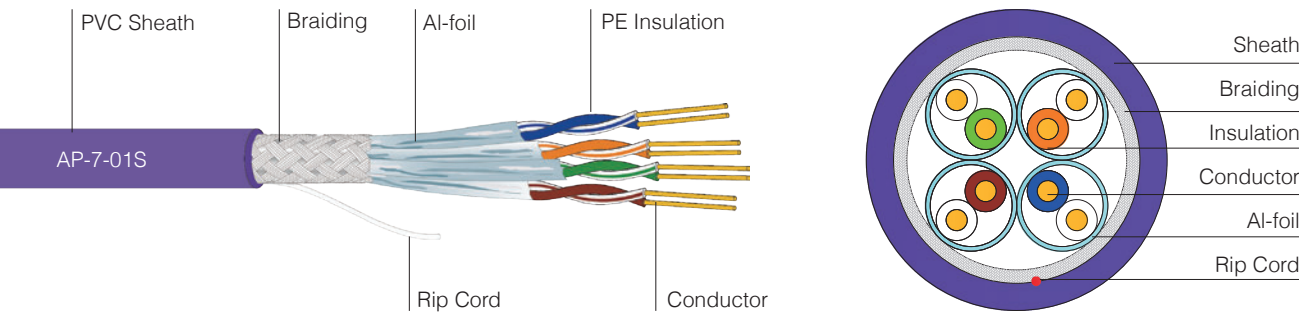
Model No.	Model Name	Package	Unit	Color
AP-6A-01S	Cat.6 SFTP Cable	305m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.7 SFTP Cable



Description

Provide 600MHz bandwidth in 100m, typical speed rate: 10Gbps
Optimizational Cat.7 design(S/FTP) for high-level Shielded confidential system anti-EMI, used in horizontal cabling in working area and LAN indoor
High grade OFC (oxygen free copper) conductor, chemical foam PE insulation, reliable transmission performance, meets and exceeds Cat.7 standard
Wrapping Al-foil paired separately and TC braid Shielded over 4p wires to improve anti-interference to 90dB, 25dB higher than UTP cable, used in EMI environment for high-level signal Shielded and confidentiality

Standard

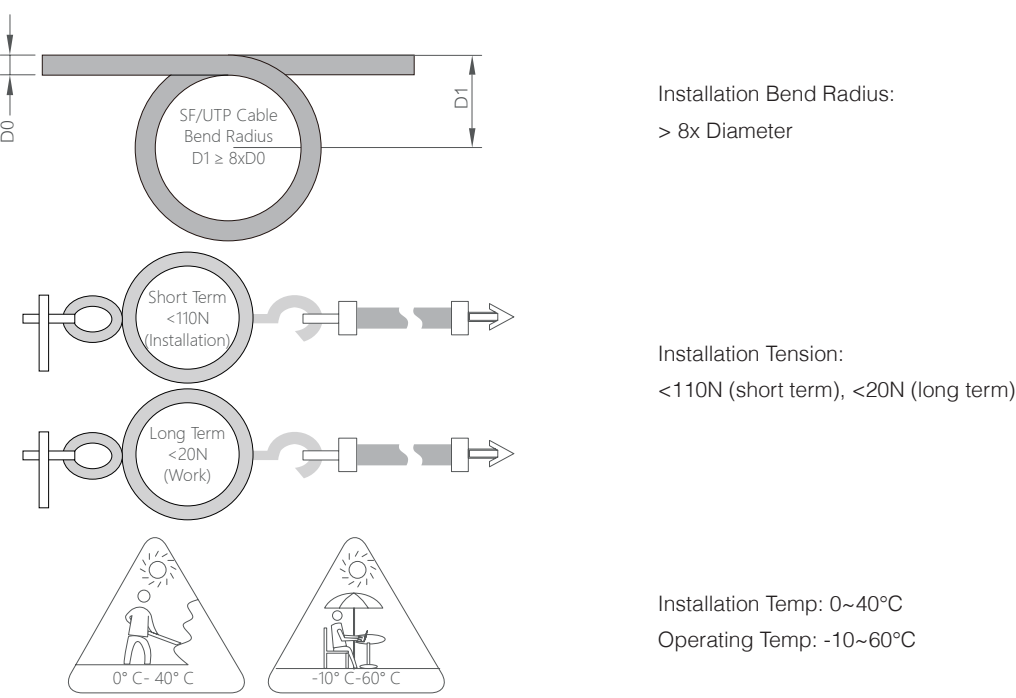
YD/T 1019-2013

Specification

Parameter	Data
Conductor Diameter	23AWG
Insulation Diameter	1.2±0.05mm
Sheath Material	PVC
Overall Diameter	7.8±0.2mm
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

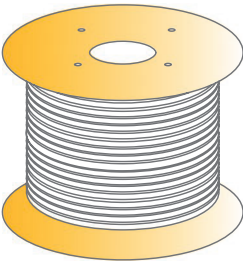
Instruction

For Indoor Application
Terminated by Shielded Keystone Jack and connect to earth correctly



Package

305m(1000ft) / Reel
Reel: (Φ)350mm x (H)300mm
G.W.: 25kgs
Stack: 5



Order Information

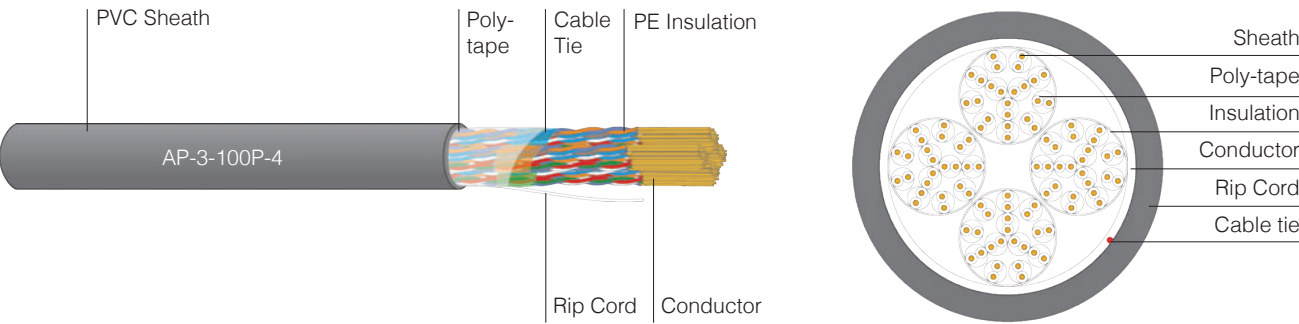
Model No.	Model Name	Package	Unit	Color
AP-7-01P	Cat.7 SFTP Cable	305m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.3 Multi-pair Cable



Description

Provide 16MHz bandwidth in 100m, typical speed rate: 20Mbps
It's widely used for backbone of indoor audio cabling.
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meets or exceeds Cat.3 standard for both analog audio cabling and high quality digital audio system; core marked by complete color spectrum, perfect strand length for convenient installation

Standard

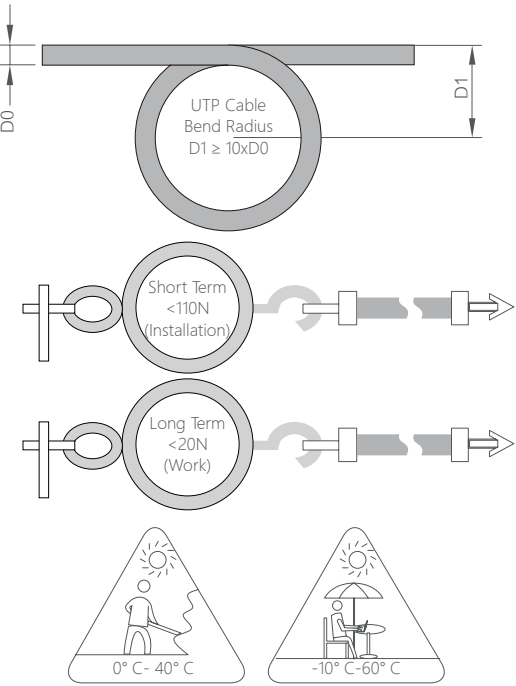
YD/T 1019-2013
YD/T 926.2-2009

Specification

Parameter	Data
Conductor Diameter	0.4mm
Insulation Diameter	0.78±0.02mm
Sheath Material	PVC
Individual Conductor Resistance	≤14Ω/100m
DC Resistance Unbalance	≤2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤5.6nF/100m

Instruction

For Indoor Application
Core Identification: Color Chart (Blue/Orange/Green/
Brown/Grey/White/Red/Black/Yellow/Purple)



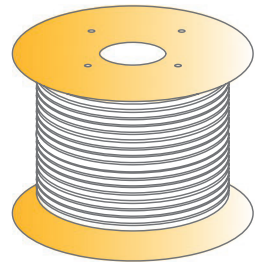
Installation Bend Radius:
> 10x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

Wooden reel, 305m(1000FT)/Reel



Order Information

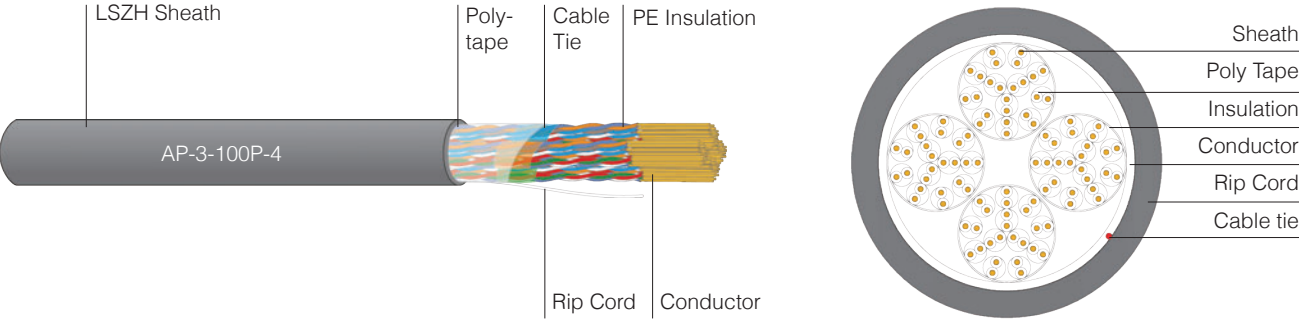
Model No.	Model Name	Package	Unit	Color
AP-3-16P-4	Cat.3 Multi-pair 16*2*0.4	300m/Reel	Reel	Grey
AP-3-25P-4	Cat.3 Multi-pair 25*2*0.4	300m/Reel	Reel	Grey
AP-3-50P-4	Cat.3 Multi-pair 50*2*0.4	300m/Reel	Reel	Grey
AP-3-100P-4	Cat.3 Multi-pair 100*2*0.4	300m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.3 Multi-pair Cable LSZH



Description

Provide 16MHz bandwidth in 100m, typical speed rate: 20Mbps
It's widely used for backbone of indoor audio cabling
Comparing with Nom. PVC jacket, LSZH emits much lower smoke emission when burnt (IEC 61034), chloric acid <2mg/g (IEC 60754), decreasing smoke density and hazards for escape and rescue, eco-friendly product
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meet or exceeds Cat.3 standard for both analog audio cabling and high quality digital audio system; core marked by complete color spectrum, perfect strand length for convenient installation

Standard

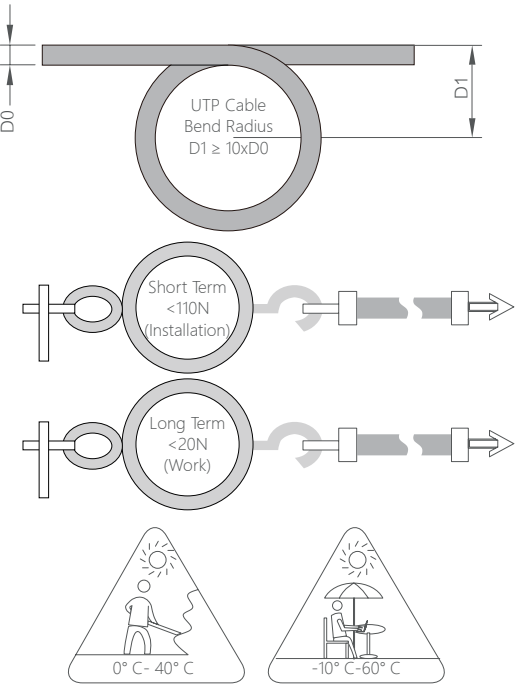
YD/T 1019-2013
YD/T 926.2-2009
GB/T 17650.1-1998
GB/T 17651.1-2-1998
IEC 61034
IEC 60754

Specification

Parameter	Data
Conductor Diameter	0.4mm
Insulation Diameter	0.78±0.02mm
Sheath Material	LSZH
Individual Conductor Resistance	≤ 14Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Core Identification: Color Chart (Blue/Orange/
Green/Brown/Grey/White/Red/Black/Yellow/Purple)



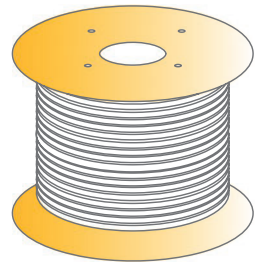
Installation Bend Radius:
> 10x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

Wooden reel, 305m(1000FT)/Reel



Order Information

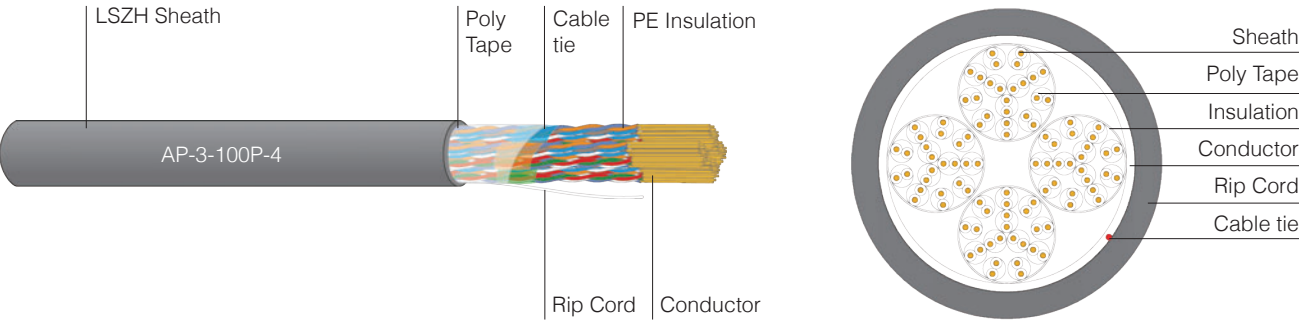
Model No.	Model Name	Package	Unit	Color
AP-3L-16PH-4	Cat.3 Multi-pair LSZH 16x22x20.4	300m/Reel	Reel	Grey
AP-3L-25PH-4	Cat.3 Multi-pair LSZH 25x22x20.4	300m/Reel	Reel	Grey
AP-3L-50PH-4	Cat.3 Multi-pair LSZH 50x22x20.4	300m/Reel	Reel	Grey
AP-3L-100PH-4	Cat.3 Multi-pair LSZH 100x22x20.4	300m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.5e Multi-pair Cable



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps
It's widely used for backbone of indoor audio cabling & Data system (Cat.5 Standard)
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meet or exceeds Cat.5 standard for both analog audio cabling and high quality digital audio system; core marked by complete color spectrum, perfect strand length for convenient installation

Standard

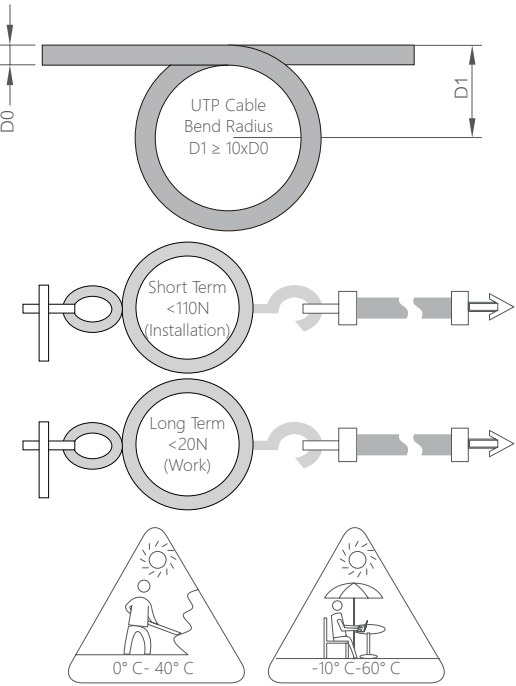
YD/T 1019-2013
YD/T 926.2-2009

Specification

Parameter	Data
Conductor Diameter	0.5mm
Insulation Diameter	0.88±0.02mm
Sheath Material	PVC
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Core Identification: Color Chart (Blue/Orange/Green/
Brown/Grey/White/Red/Black/Yellow/Purple)



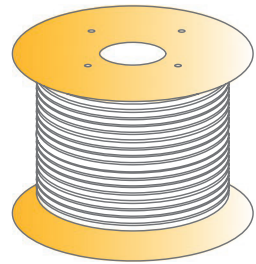
Installation Bend Radius:
> 10x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

Wooden Reel, 305m(1000FT)/Reel



Order Information

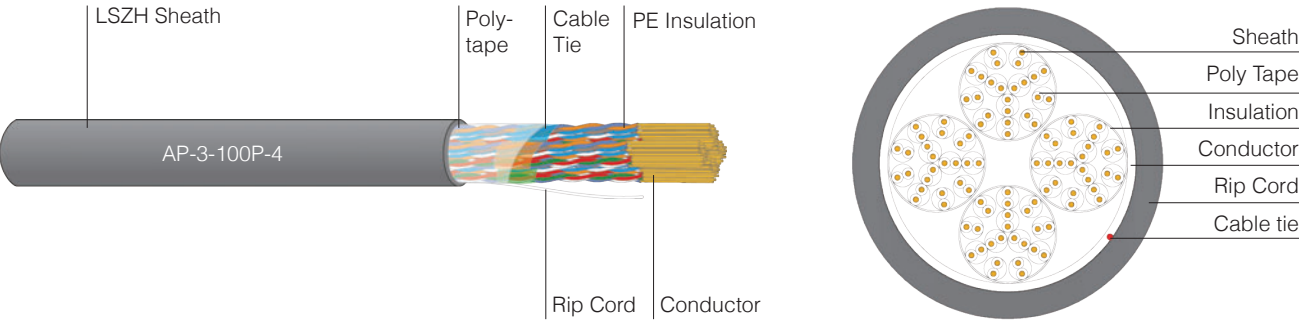
Model No.	Model Name	Package	Unit	Color
AP-5-16P-5	Cat.5 Multi-pair 16x2x0.5	300m/Reel	Reel	Grey
AP-5-25P-5	Cat.5 Multi-pair 25x2x0.5	300m/Reel	Reel	Grey
AP-5-50P-5	Cat.5 Multi-pair 50x2x0.5	300m/Reel	Reel	Grey
AP-5-100P-5	Cat.5 Multi-pair 100x2x0.5	300m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.



Cat.6 Multi-pair Cable LSZH



Description

Provide 100MHz bandwidth in 100m, typical speed rate: 100Mbps.
It's widely used for backbone of indoor audio cabling
Comparing with Nom. PVC jacket, LSZH emits much lower smoke emission when burnt (IEC 61034), chloric acid <2mg/g (IEC 60754), decreasing smoke density and hazards for escape and rescue, ecofriendly product
High grade OFC (oxygen free copper) conductor, reliable transmission performance, meet or exceeds Cat.6 standard for both analog audio cabling and high quality digital audio system; core marked by complete color spectrum, perfect strand length for convenient installation

Standard

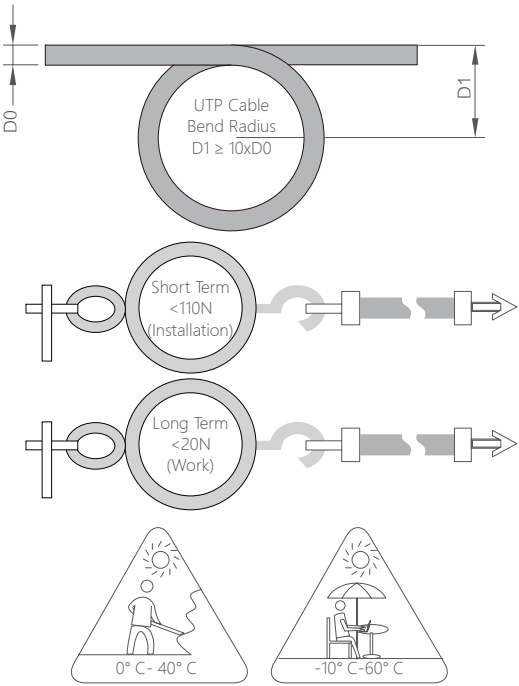
YD/T 1019-2013
YD/T 926.2-2009
GB/T 17650.1-1998
GB/T 17651.1-2-1998
IEC 61034
IEC 60754

Specification

Parameter	Data
Conductor Diameter	0.5mm
Insulation Diameter	0.88±0.02mm
Sheath Material	LSZH
Individual Conductor Resistance	≤ 9.5Ω/100m
DC Resistance Unbalance	≤ 2.5%
Dielectric, DC, 1min	1Kv/1min
Capacity Max	≤ 5.6nF/100m

Instruction

For Indoor Application
Core Identification: Color Chart (Blue/Orange/Green/
Brown/Grey/White/Red/Black/Yellow/Purple)



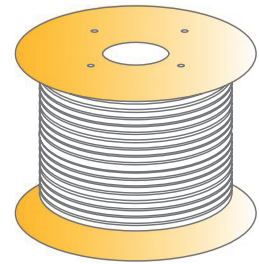
Installation Bend Radius:
> 10x Diameter

Installation Tension:
<110N (short term), <20N (long term)

Installation Temp: 0~40°C
Operating Temp: -10~60°C

Package

Wooden Reel, 305m(1000FT)/Reel



Order Information

Model No.	Model Name	Package	Unit	Color
AP-5-16PH-5	Cat.5 Multi-pair LSZH 16x2x0.5	300m/Reel	Reel	Grey
AP-5-25PH-5	Cat.5 Multi-pair LSZH 25x2x0.5	300m/Reel	Reel	Grey
AP-5-50PH-5	Cat.5 Multi-pair LSZH 50x2x0.5	300m/Reel	Reel	Grey
AP-5-100PH-5	Cat.5 Multi-pair LSZH 100x2x0.5	300m/Reel	Reel	Grey

Custom-made

Sheath color can be custom-made.

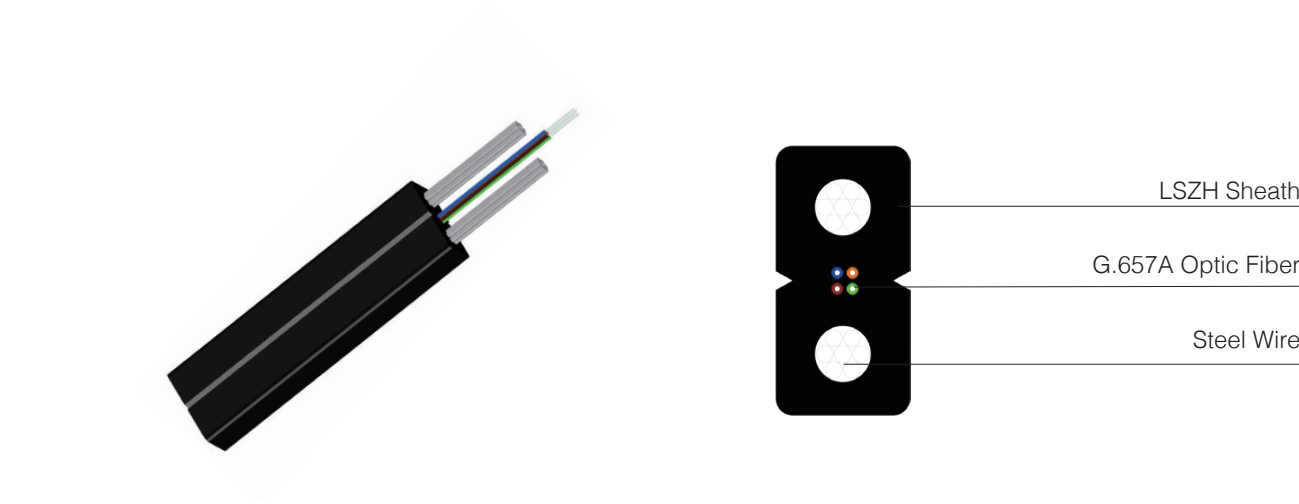


12

Fiber Optic Cable



FTTH Optic Fiber Bow-type Drop Cable- GJXH



Description

Metal strength member, LSZH sheath, bow-type drop cable
In FTTH application, low-cost and good adaptability, meet design and connton requirement for all kinds of drop cable; excellent anti-curved ability, support crowded cabling, low bending loss at small bend radius and high mechanical reliability, easy installation and distribution
Suitable for FTTH indoor application, dimension: 2X3.0mm bowtype, steel wire strength member at each size, LSZH sheath, 1~4 cores G.657A optic fibers

Standard

YD/T 1997-2009
YD/T 1954-2009

Specification

Mechanical Characteristics

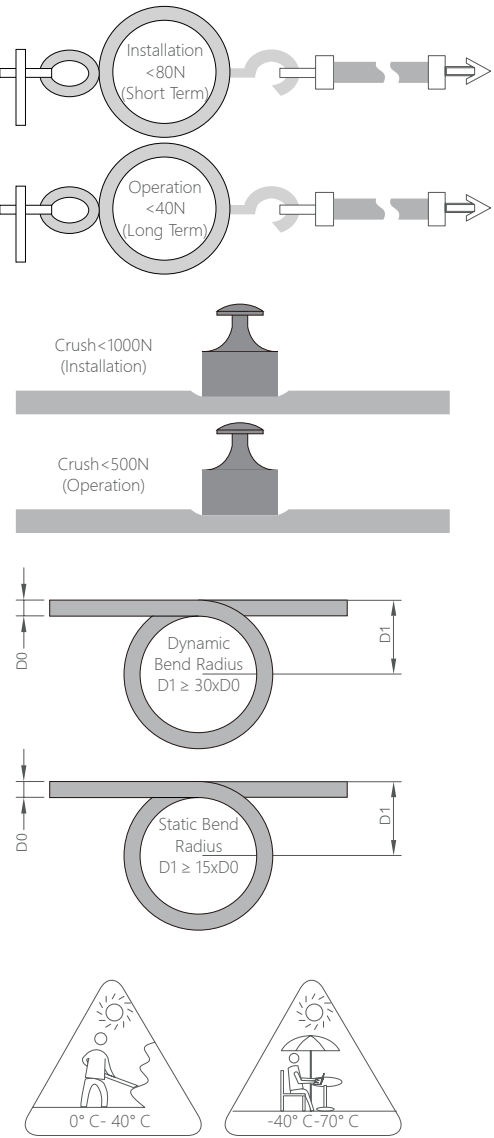
Parameter	Unit	Data	
		PVC	LSZH
Tensile Strength	MPa	12.5	10
Elongation	%	150	125

Separability: convenient split fiber 200mm, tensile strength: 3N ~10N.
Transmission: size, mode field diamter, cut-off wavelength,macrobend loss, etc. compliance with YD/T 1954-2009, GB/T9771.1 or GB/T 9771.3.

Optical Characteristics

Fiber	Wavelength (nm)	Attenuation (dB/km)
B6a	1310	0.4
	1550	0.3

Instruction



Tension:
Short Term: ≤ 80N, Long Term: ≤ 40N

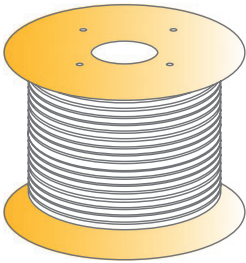
Crush:
Short Term: ≤ 1000N Long Term: ≤ 500N

Bend Radius:
≥ 30x Diameter (Dynamic Bend), ≥ 15x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Package

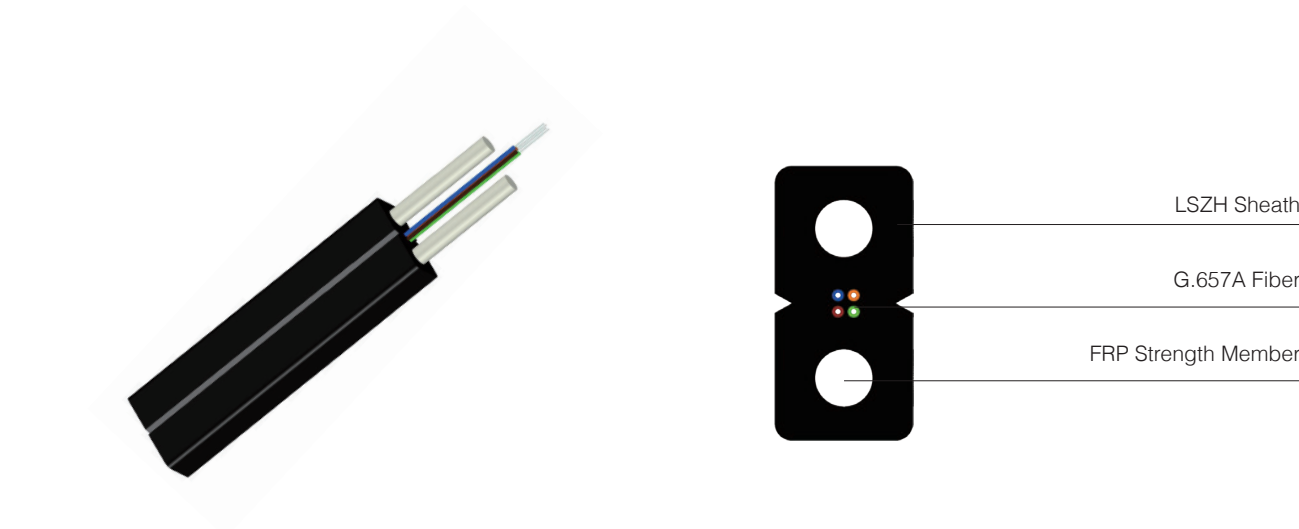
Reel Packed



Order Information

Wooden Reel, 1000m, 2000m per reel.

FTTH Bow-Type Drop Cable- GJXFH



Description

Metal strength member, LSZH sheath, bow-type drop cable.
In FTTH application, low-cost and good adaptability, meet design and connton requirement for all kinds of drop cable; excellent anti-curved ability, support crowded cabling, low bending loss at small bend radius and high mechanical reliability, convenient installation and distribution
Used for FTTH indoor, dimension: 2X3.0mm bow-type, steel wire strength member at each size, LSZH sheath, fiber: 1~4 cores G.657A
Suitable for FTTH application

Standard

YD/T 1997-2009
YD/T 1954-2009

Specification

Mechanical Characteristics

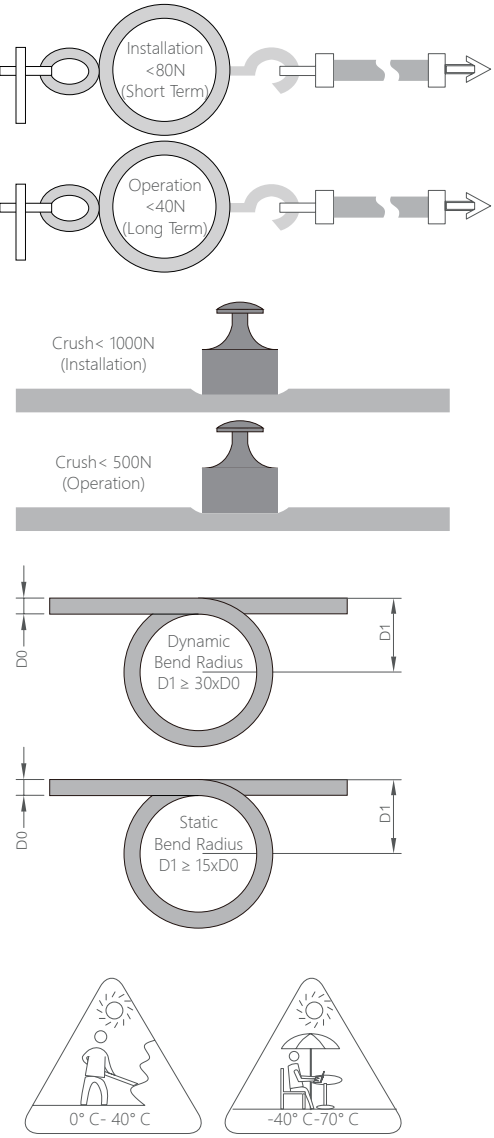
Parameter	Unit	Data	
		PVC	LSZH
Tensile Strength	MPa	12.5	10
Elongation	%	150	125

Separability: convenient split fiber 200mm, tensile strength: 3N ~10N.
Transmission: size, mode field diamter, cut-off wavelength, macrobend loss, etc. compliance with YD/T 1954-2009, GB/T 9771.1 or GB/T 9771.3.

Optical Characteristics

Fiber	Wavelength (nm)	Attenuation (dB/km)
B6a	1310	0.4
	1550	0.3

Instruction



Tension:
Short Term: ≤80N, Long Term: ≤40N

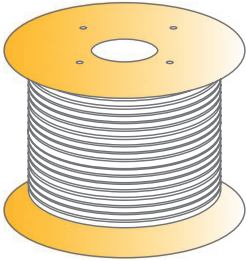
Crush:
Short Term: ≤1000N Long Term: ≤500N

Bend Radius:
≥ 30x Diameter (Dynamic Bend), ≥ 15x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Package

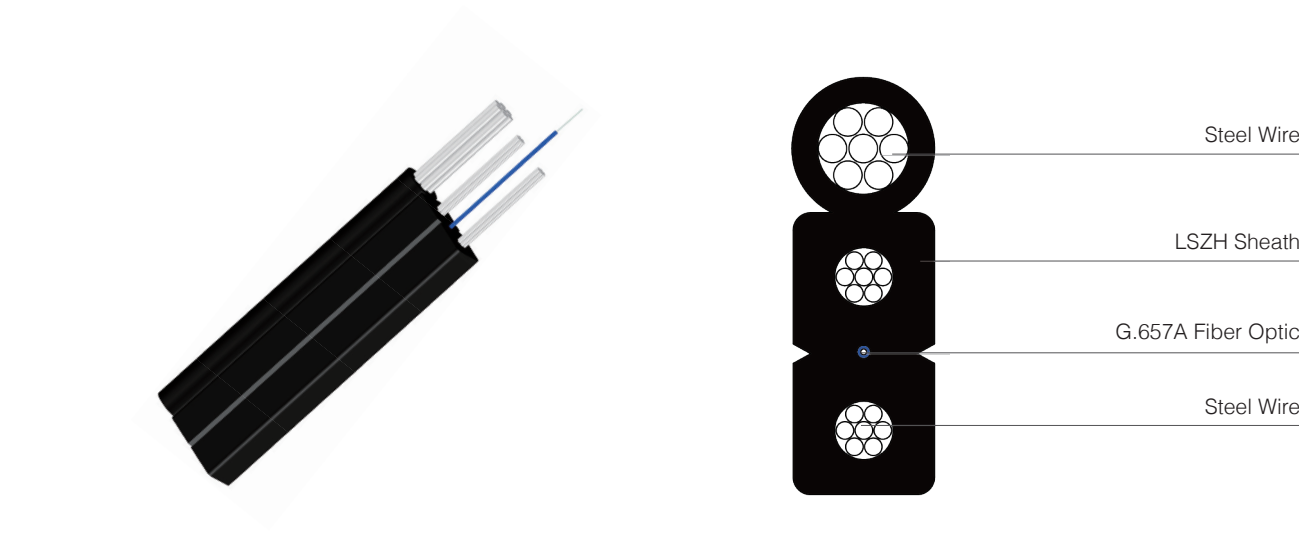
Reel Packed



Order Information

Wooden Reel: 1000m, 2000m per reel.

FTTH Bow-type Drop Cable- GJYXCH



Description

Metal strength member, LSZH sheath, bow-type self-supporting drop cable.
Suitable for FTTH outdoor application.

Standard

YD/T 1997-2009
YD/T 1954-2009

Specification

Mechanical Characteristics

Parameter	Unit	Data	
		PVC	LSZH
Tensile Strength	MPa	12.5	10
Elongation	%	150	125

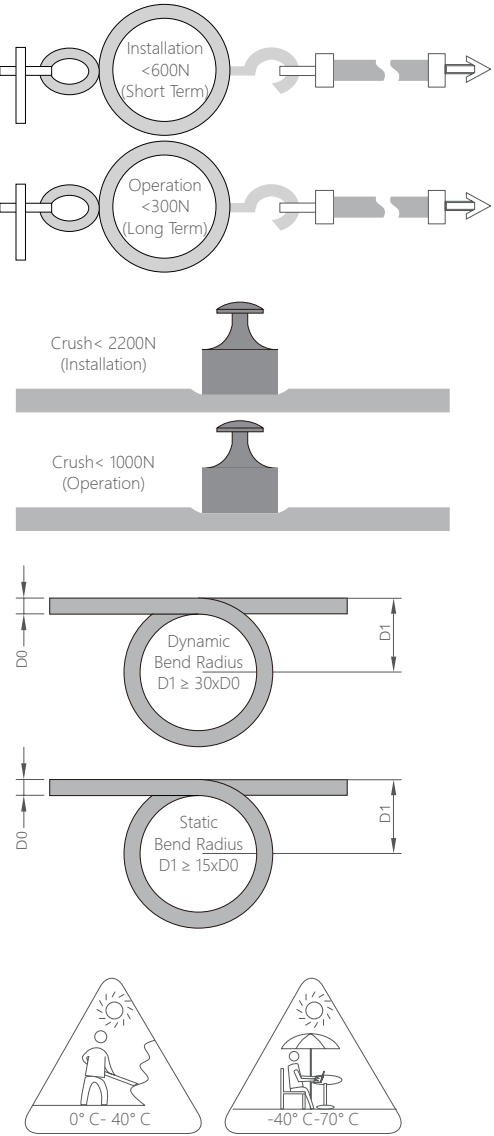
Separability: convenient split fiber 200mm, tensile strength: 3N ~10N.

Transmission: size, mode field diamter, cut-off wavelength, macrobend loss, etc. compliance with YD/T 1954-2009, GB/T 9771.1 or GB/T 9771.3.

Optical Characteristics

Fiber	Wavelength (nm)	Attenuation (dB/km)
B6a	1310	0.4
	1550	0.3

Instruction



Tension:
Short Term: ≤600N, Long Term: ≤300N

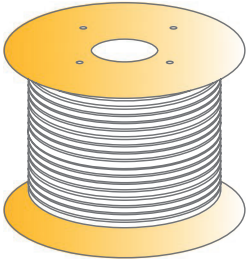
Crush:
Short Term: ≤2200N Long Term: ≤1000N

Bend Radius:
≥ 30x Diameter (Dynamic Bend), ≥ 15x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Package

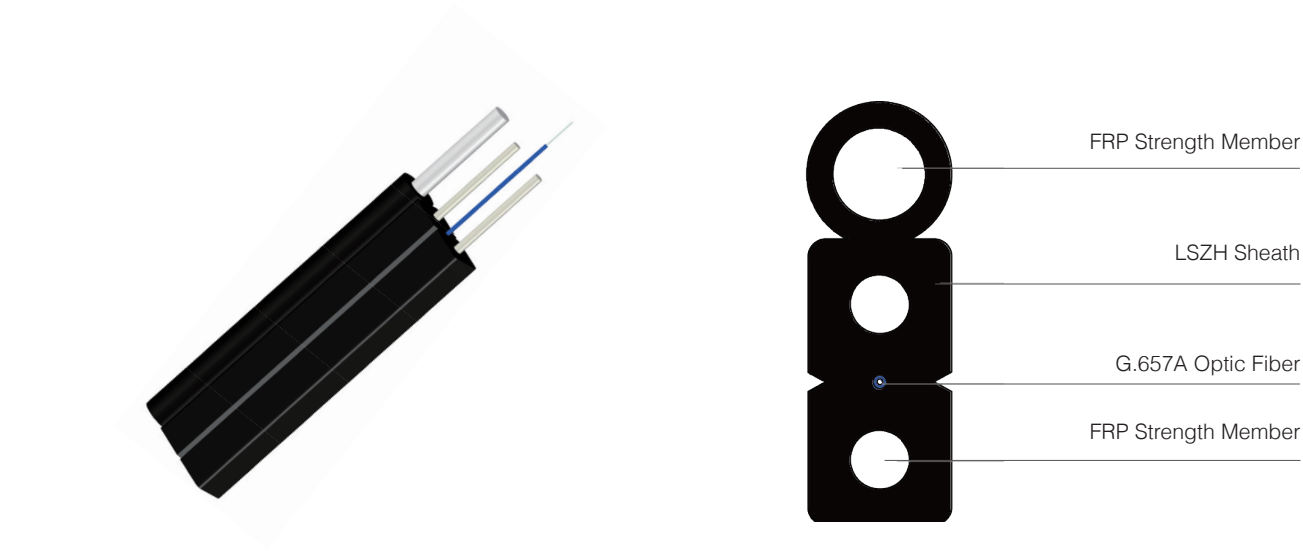
Reel Packed



Order Information

Wooden Reel: 1000m, 2000m per reel.

FTTH Drop Cable- GJYXFCH



Description

Metal strength member, LSZH sheath, bow-type self-supporting drop cable.
Suitable for FTTH outdoor application.

Standard

YD/T 1997-2009
YD/T 1954-2009

Specification

Mechanical Characteristics

Parameter	Unit	Data	
Tensile Strength	MPa	PVC	LSZH
		12.5	10
Elongation	%	150	125

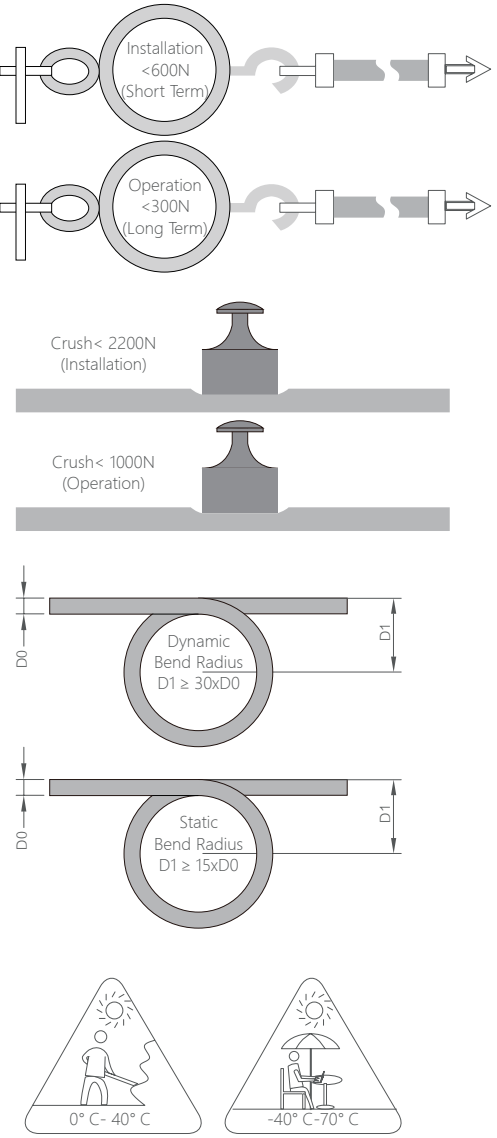
Separability: convenient split fiber 200mm, tensile strength: 3N ~10N.

Transmission: size, mode field diamter, cut-off wavelength, macrobend loss, etc. compliance with YD/T 1954-2009, GB/T 9771.1 or GB/T 9771.3.

Optical Characteristics

Fiber	Wavelength (nm)	Attenuation (dB/km)
B6a	1310	0.4
	1550	0.3

Instruction



Tension:
Short Term: ≤600N, Long Term: ≤300N

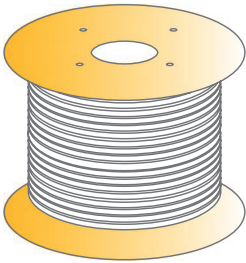
Crush:
Short Term: ≤2200N Long Term: ≤1000N

Bend Radius:
≥ 30x Diameter (Dynamic Bend), ≥ 15x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Package

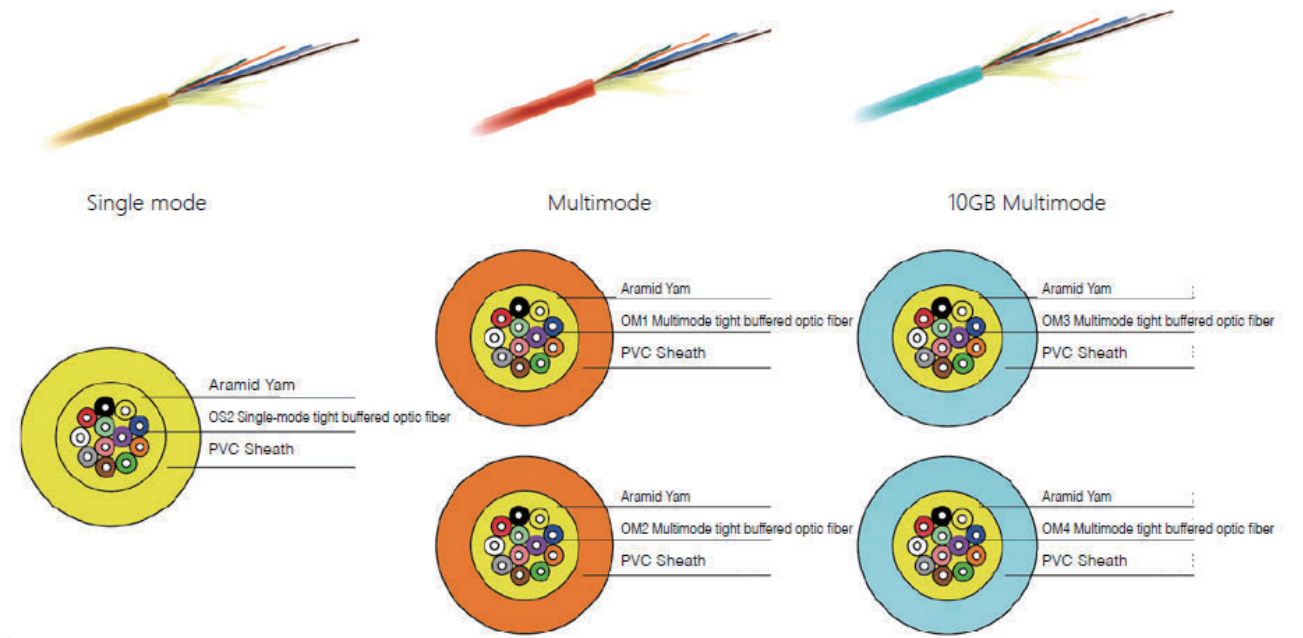
Reel Packed



Order Information

Wooden Reel: 1000m, 2000m per reel.

Indoor Optic Fiber Cable - GJFJV



Description

250µm diameter ultraviolet curing one-off coated fiber tightly covered to make 900µm diameter fiber, process sheath to multitight covered fiber and aramid yam to make optic fiber cable; Suitable for indoor cabling application. (max. 12 cores).

Standard

YD/T 1258-2003
GB/T 9771-2008

Specification

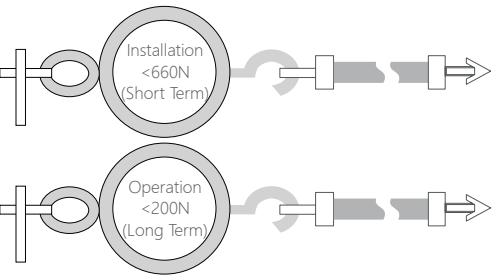
Construction

Parameter	Data			
Core	4 Cores	6 Cores	8 Cores	12 Cores
Armid Yam	1580dtexx8	1580dtexx10	1580dtexx10	1580dtexx14
Sheath Color	OM1/OM2 (Orange for Multimode) OM3 (Aquagreen for Multimode) OS2 (Yellow for Singlemode)			
Sheath Material	PVC/LSZH			

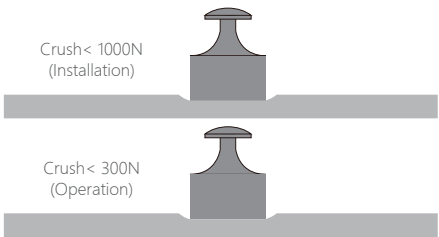
Fiber Core

OM1, OM2, OM3, OM4, OS2
Fiber Color Code: TIA/EIA-598 (Bellcore). If more than 12 fibers or tubes are to be separated, the color sequence is repeated, but with ring marks on the colored fibers and tubes.

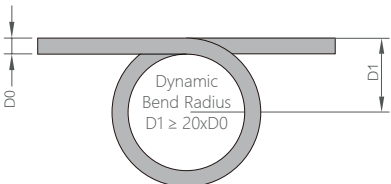
Instruction



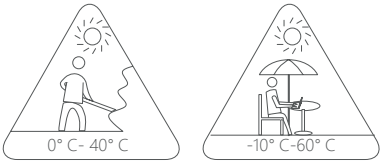
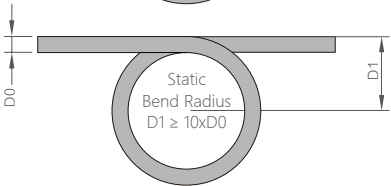
Tension:
Short Term: ≤660N, Long Term: ≤200N (12 cores or less)



Crush:
Short Term: ≤1000N Long Term: ≤300N



Bend Radius:
≥ 20x Diameter (Dynamic Bend), ≥ 10x Diameter (Static Bend)



Installation Temp: 0~40°C
Operating Temp: -10~60°C

Diameter & Weight

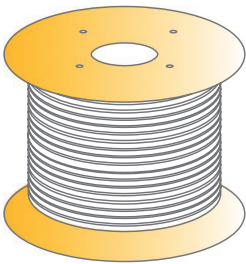
Cores	4	6	8	12
Diameter (mm)	4.7±0.2	5.2±0.2	5.8±0.2	6.3±0.2
Weight (kg/km)	17.6	22.8	26.7	32.7

Package

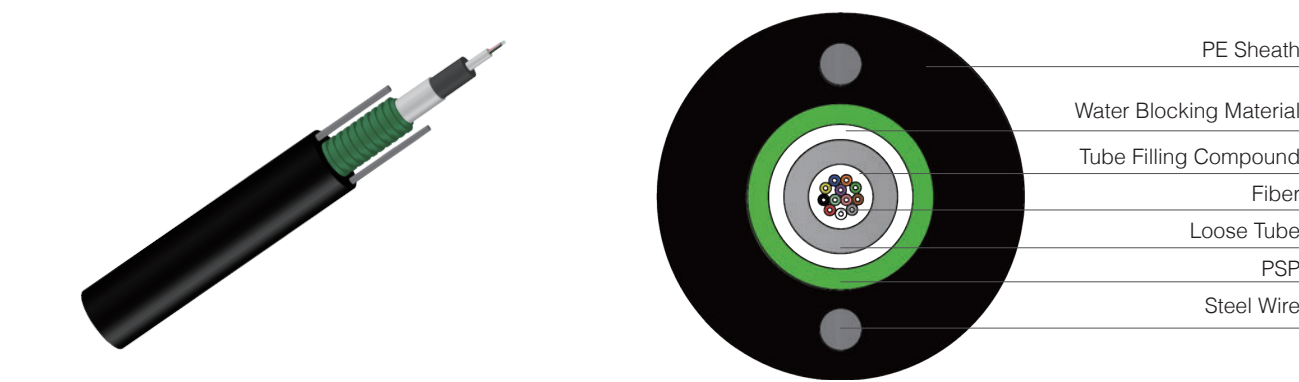
Reel Packed

Order Information

Wooden Reel: 1000m, 2000m per reel.



Center Bundle light Armored Optical Fiber Cable - GYXTW



Description

The fibers are placed in a loose tube of PBT. The tube is filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a PE sheath.

Application for small quantity cores optic fiber communication. (Max. 12 cores)

Installation

Type	Diameter	Cores	Installation Method						
	mm		LAN	Duct	Conduit	Cable Trench	Aerial	Direct Burial	Dielectric
GYXTW	8-9	2-12	√	△		√	△		
Note: △ : available, √ : Optional									

Standard

YD/T 769-2010
GB/T 9771-2008

Specification

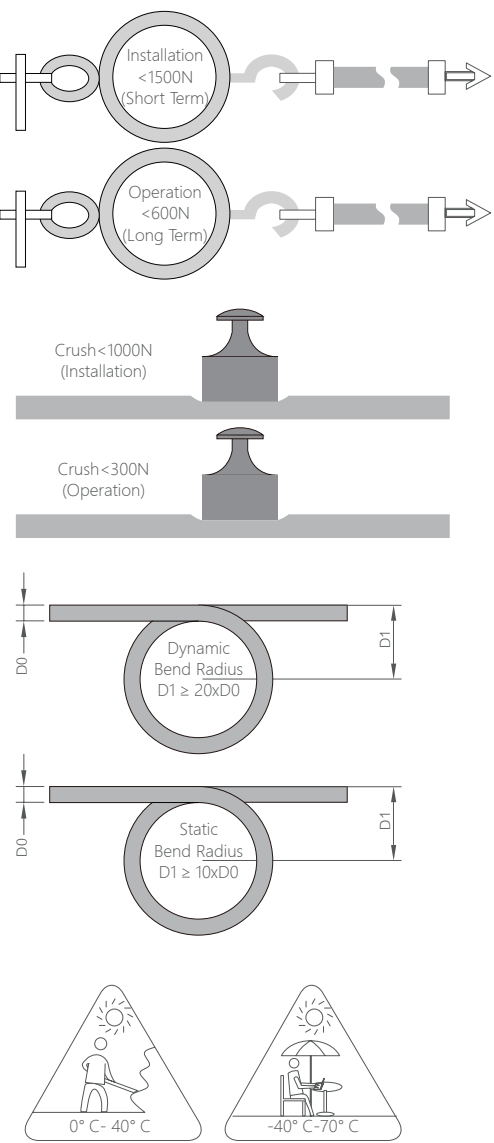
Item	Data
Cores	2-12 cores
Loose Tube	PBT
Tube Diameter	3.0
Strength Member	2 Phosphating Steel Wires
Steel Wire Diameter(mm)	0.9
Armour	PSP
PSP Thickness*Width(mm)	0.25*17
Outer Sheath	PE

Fiber Core

OM1, OM2, OM3, OS2

Fiber Color Code: TIA/EIA-598 (Bellcore), If more than 12 fibers or tubes are to be separated, the color sequence is repeated, but with ring marks on.

Instruction



Tension:
Short Term: ≤1500N
Long Term: ≤600N (12 cores or less)

Crush:
Short Term: ≤1000N
Long Term: ≤300N (12 cores or less)

Bend Radius:
≥ 20x Diameter (Dynamic Bend), ≥ 10x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Diameter & Weight

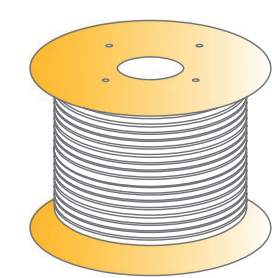
Cores	2-12
Diameter(mm)	8.0-8.5
Weight(kg/km)	76-88

Package

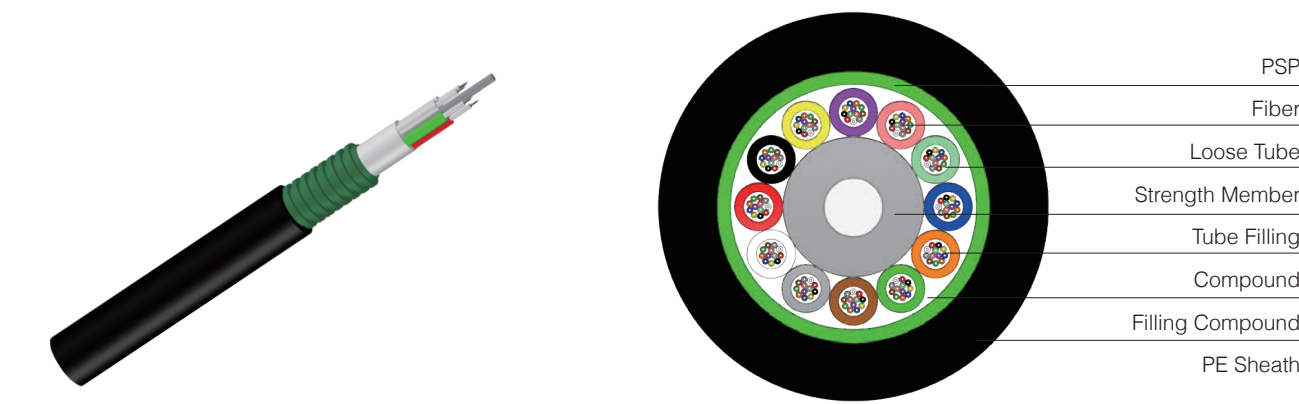
Reel Packed

Order Information

Wooden Reel: 1000m, 2000m per reel.



Outdoor Optic Fiber - GYTS



Description

Single-mode or multi-mode fibers are positioned in a high modulus loose tube, which is filled with a water-resistant compound. One metal strength member is in the centre of cable, which is covered by PE for some cores cable. Centre strength member is stranded by loose tubes into compact and circular cable core, which is filled water-blocking material. PSP is longitudinally applied over the cable core and PE sheath is extruded. (max. 144 cores)

Installation

Type	Diameter	Cores	Installation Method						
	mm		LAN	Duct	Conduit	Cable Trench	Aerial	Direct Burial	Dielectric
GYTS	10-22	1-144	√	△	√	√	△		
Note: △ : available, √ : Optional									

Standard

YD/T 901-2009
GB/T 9771-2008

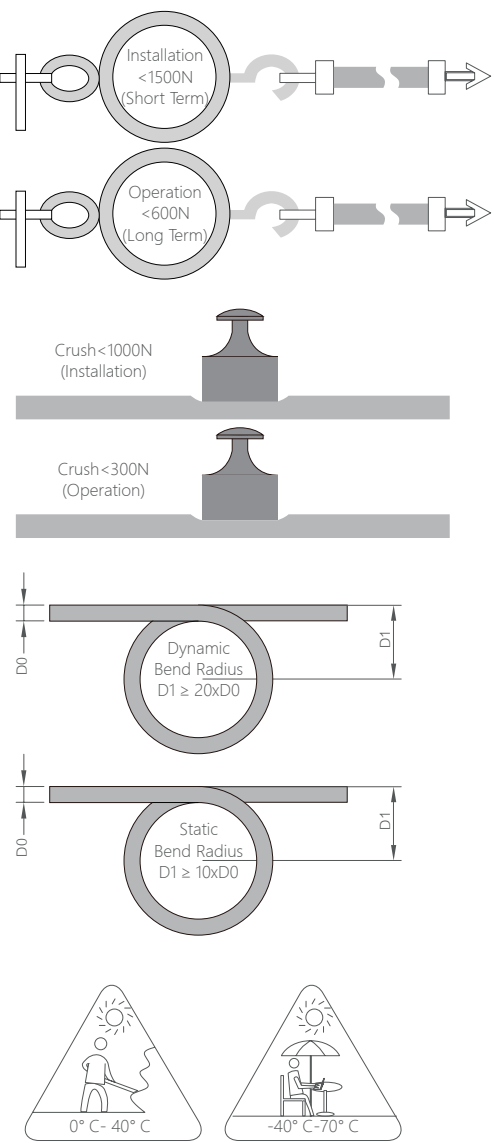
Specification

Item	Data
Strength Member	Single Phosphating Steel Wire
Armour	PSP
Loose Tube	PBT
Water-blocking Material	Gel/Powder
Outer Sheath	PE

Fiber Core

OS2 Single Mode

Instruction



Tension:
Short Term: ≤1500N
Long Term: ≤600N (12 cores or less)

Crush:
Short Term: ≤1000N
Long Term: ≤300N (12 cores or less)

Bend Radius:
≥ 20x Diameter (Dynamic Bend), ≥ 10x Diameter (Static Bend)

Installation Temp: 0~40°C
Operating Temp: -40~70°C

Diameter & Weight

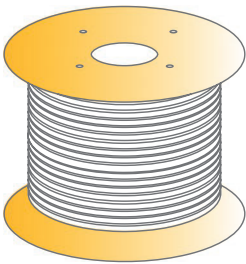
Cores	2-32	32-36	36-60	60-72	72-96	96-120	120-144
Diameter(mm)	10.05	10.7	11	11.8	13.3	15.8	15.8
Weight(kg/km)	76-96	105	106-133	133-134	134-170	170-196	197-265

Package

Reel Packed

Order Information

Wooden Reel: 1000m, 2000m per reel.



Outdoor Fiber Cable - GYTA



Description

Single-mode or multi-mode fibers are positioned in a high modulus loose tube, which is filled with a water-resistant compound. One metal strength member is in the centre of cable, which is covered by PE for some cores cable. Centre strength member is stranded by loose tubes into compact and circular cable core, which is filled water-blocking material. APL is longitudinally applied over the cable core and PE sheath is extruded. To compare with GYTS, tensile strength of GYTA is weaker, but it weights lighter and better water-blocking performance . (max. 144 cores)

Installation

Type	Diameter	Cores	Installation Method						
	mm		LAN	Duct	Conduit	Cable Trench	Aerial	Direct Burial	Dielectric
GYTS	10-22	1-144	√	△	√	√	△		
Note: △ : available, √ : Optional									

Standard

YD/T 901-2009
GB/T 9771-2008

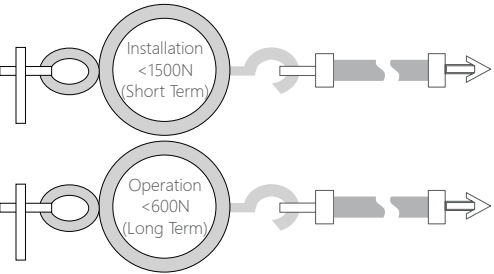
Specification

Item	Data
Central Strength Member	Single Phosphating Steel Wire
Armour	APL
Loose Tube	PBT
Outer Sheath	PE

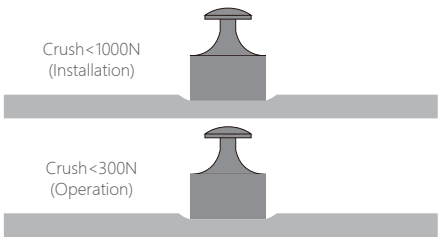
Fiber Core

OS2 Single Mode

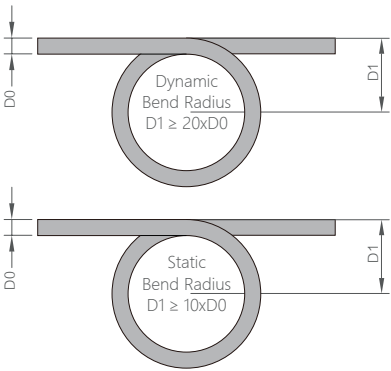
Instruction



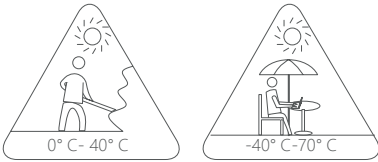
Tension:
Short Term: ≤1500N
Long Term: ≤600N (12 cores or less)



Crush:
Short Term: ≤1000N
Long Term: ≤300N (12 cores or less)



Bend Radius:
≥ 20x Diameter (Dynamic Bend), ≥ 10x Diameter (Static Bend)



Installation Temp: 0~40°C
Operating Temp: -40~70°C

Diameter & Weight

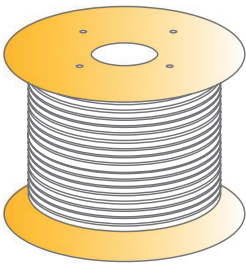
Cores	2-32	32-38	38-60	60-72	72-96	96-120	120-144
Diameter(mm)	10.05	10.7	11	11.8	13.3	15.8	15.8
Weight(kg/km)	88	88-111	111-112	112-143	143-167	167-228	228

Package

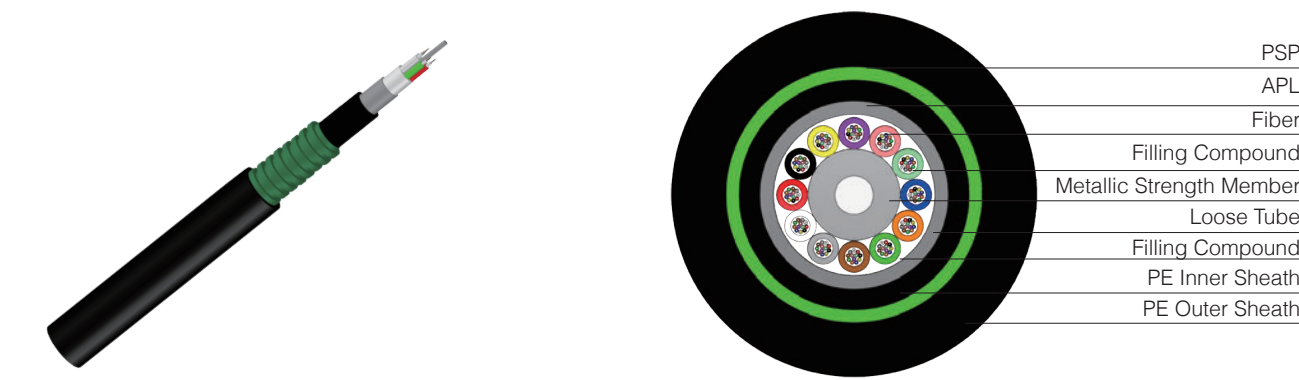
Reel Packed

Order Information

Wooden Reel: 1000m, 2000m per reel.



Outdoor Optic Fiber - GYTA53



Description

Single-mode or multi-mode fibers are positioned in a high modulus loose tube, which is filled with a water-resistant compound. One metal strength member is in the centre of cable, which is covered by PE for some cores cable. Centre strength member is stranded by loose tubes into compact and circular cable core, which is filled water-blocking material.

APL is longitudinally applied over the cable core and PE inner sheath is extruded, then PSP wrapped and PE outer sheath. GYTA53 has both good tensile strength and water-blocking ability as GYTS and GTYA. (max. 144 cores)

Installation

Type	Diameter	Cores	Installation Method						
	mm		LAN	Duct	Conduit	Cable Trench	Aerial	Direct Burial	Dielectric
GYTA53	10-22	1-144	√		√	√		△	
Note: △ : available, √ : Optional									

Standard

YD/T 901-2009
GB/T 9771-2008

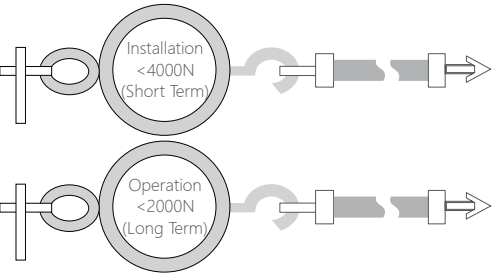
Specification

Item	Data
Central Strength Member	Single Phosphating Steel Wire
Armour	APL
Inner Sheath	PE
Outer Armour	PSP
Loose Tube	PBT
Water-blocking Material	Gel/Powder
Outer Sheath	PE

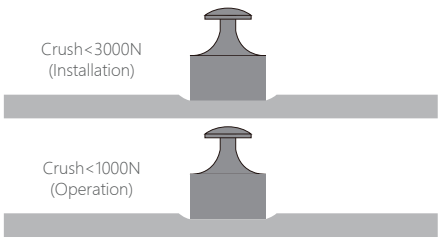
Fiber Core

OS2 Single Mode

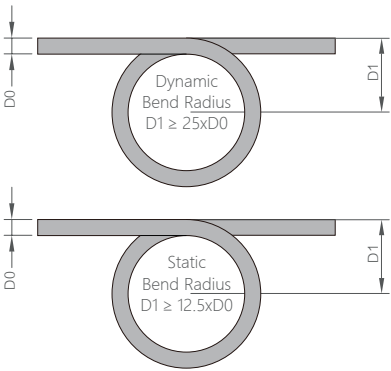
Instruction



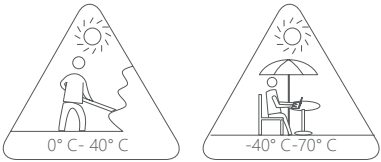
Tension:
Short Term: ≤4000N,
Long Term: ≤2000N



Crush:
Short Term: ≤3000N
Long Term: ≤1000N



Bend Radius:
≥ 25x Diameter (Dynamic Bend), ≥ 12.5x Diameter (Static Bend)



Installation Temp: 0~40°C
Operating Temp: -40~70°C

Diameter & Weight

Cores	2-32	32-38	38-60	60-72	72-96	96-120	120-144
Diameter(mm)	14.15	14.75	15.15	16.8	17.5	18.8	20.1
Weight(kg/km)	202	202-203	203-234	234-235	235-248	248-256	256-270

Package

Reel Packed

Order Information

Wooden Reel: 1000m, 2000m per reel.

