



CONNECTING PEOPLE&WORLD



NINGBO HOTION CABLE CO.,LTD

Add: No.337 Keyan Road, Jishigang Town, Haishu District, Ningbo City, Zhejiang Province, China

www.hotioncable.com Email: mike@hotioncable.com

Tel:+86-574-88023021 Fax:+86-574-88023021

Mobile: +86-13566349531

Contact: Mike Lin

NINGBO HOTION CABLE CO.,LTD

**WORLD OF STRUCTURED CABLING SYSTEM
AND CONSUMER ELECTRONIC**

www.hotioncable.com



Company Profile

Ningbo Hotion Cable Co.,Ltd is a professional manufacturer of various cables in Ningbo, China. Our main products are fire resistant fire alarm cable, solar cable, security alarm cable, telephone cable, speaker cable, DMX cable, microphone cable, power cable, blasting wire, network patch cable and network LAN cable. Our fire resistant fire alarm cable are LPCB and CPR CCA approved. Our solar cable are TUV and CPR ECA approved. All products are exported to international markets including Europe, America, Middle east, Africa etc.

Ningbo Hotion Cable Co. ,Ltd covers 6000 square meters and has more than 50 employees. All of worker well-trained and skillful, we have our own engineering and technical team. We have many modern and advanced manufacturing machines and test equipment.

We do believe in the win-win situation for building up long-terms business relationship. Outstanding service, quality and cooperation are the core values of Ningbo Hotion Cable Co.,Ltd.

Production and Testing Equipment

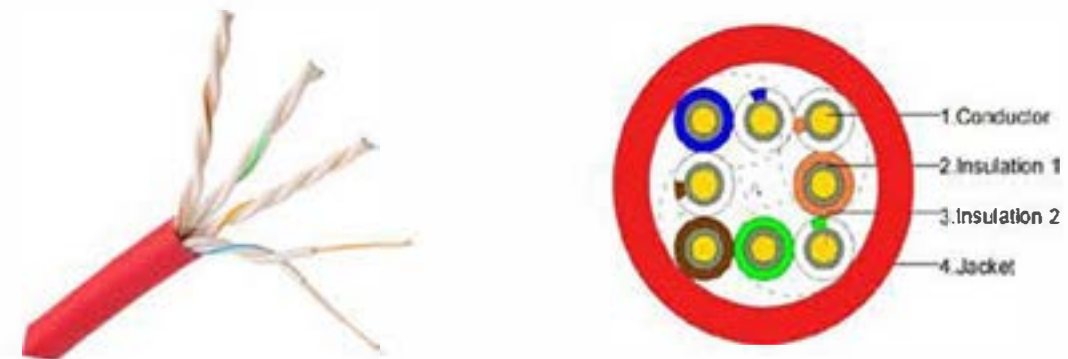


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CAT5E FIRE RESISTANT LAN CABLE

Fire Resistant CAT5E Network Cable BS6387 EN50200 PH30



KEY APPLICATIONS

Cat5E is a cable standard for Gigabit Ethernet and other network protocol, suitable for basic voice and data installations up to 100 MHz. In addition, these cables can be offered with fire resistant ability, providing additional mechanical protection still maintaining the flexibility of the cable.

TECHNICAL DESCRIPTION

Conductor	Solid Bare Copper 4x2x24AWG
Insulation Material	HDPE+Fire resistant material
Total number of conductor	8, twisted in 4 pairs
Color code	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown
Jacket Material	LSZH, Red RAL 3000
Overall Diameter	6.5mm

STANDARDS

Electrical Performance	ISO/IEC 11801, EN 50173, ANSI/TIA/EIA 568
Electrical Safety	CEI-UNEL 36762
Fire Resistance	EN50200 PH30
Reaction to Fire	IEC60332-3-10; IEC60332-3-24; IEC60332-1-2

TECHNICAL DATA

Number of cores	Nominal cross section conductor (AWG)	Category	Screen	Nominal jacket outer diameter (mm)
8	24	CAT5E	unscreen	6.2



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FIRE ALARM CABLE

Fire Resistant Type

Stranded Conductor BS6387 EN50200 PH30



KEY APPLICATIONS

Fire detection and fire alarm systems for buildings.
Voice alarm systems and emergency voice communication.
Emergency and escape lighting.
Control circuits for fire safety and fire fighting systems.

TECHNICAL DESCRIPTION

Operating Voltage 300/500V
Test Voltage(50Hz) 2.0kV
Conductor Stranded Bare Copper
Insulation Material Silicone Rubber
Jacket Material LSZH



Cert. No.: 1874a/01



STANDARDS

BS EN 50200 - PH30 Fire Resistant Test - Flame & Shock - 30 Minutes
BS EN 50200 - PH60 Fire Resistant Test - Flame & Shock - 60 Minutes
BS EN 50200 - PH120 Fire Resistant Test - Flame & Shock - 120 Minutes
BS 6387 Category CWZ Fire Resistant Test

TECHNICAL DATA

Number of cores	Nominal cross section conductor (mm²)	Nominal jacket outer diameter (mm)	Cable weight (kg/km)	Conductor resistance at 20 °C [Ohm/km]
2	0.8	5.7	47.5	23.8
2	1.0	6.1	52	19.5
2	1.5	7.1	70	13.3
2	2.5	8.3	98.5	7.98
4	0.8	6.7	76.5	23.8
4	1.0	7.2	85.6	19.5
4	1.5	8.1	116	13.3
4	2.5	10.4	185	7.98

FIRE ALARM CABLE

Fire Resistant Type

Stranded Conductor BS6387 EN50200 PH120



KEY APPLICATIONS

Fire detection and fire alarm systems for buildings.
Voice alarm systems and emergency voice communication.
Emergency and escape lighting.
Control circuits for fire safety and fire fighting systems.

TECHNICAL DESCRIPTION

Operating Voltage 300/500V
Test Voltage(50Hz) 2.0kV
Conductor Stranded Bare Copper
Insulation Material Silicone Rubber
Jacket Material LSZH



Cert. No.: 1874a/01



STANDARDS

BS EN 50200 - PH30 Fire Resistant Test - Flame & Shock - 30 Minutes
BS EN 50200 - PH60 Fire Resistant Test - Flame & Shock - 60 Minutes
BS EN 50200 - PH120 Fire Resistant Test - Flame & Shock - 120 Minutes
BS 6387 Category CWZ Fire Resistant Test

TECHNICAL DATA

Number of cores	Nominal cross section conductor (mm²)	Nominal jacket outer diameter (mm)	Cable weight (kg/km)	Conductor resistance at 20 °C [Ohm/km]
2	0.8	5.9	52.3	23.8
2	1.0	6.3	58.6	19.5
2	1.5	7.4	78.5	13.3
2	2.5	8.5	107	7.98
4	0.8	6.9	82.6	23.8
4	1.0	7.5	97	19.5
4	1.5	8.4	132	13.3
4	2.5	10.8	208	7.98

FIRE ALARM CABLE

Fire Resistant Type

Solid Conductor BS6387 EN50200 PH30 Cr1 C1



KEY APPLICATIONS

Fire detection and fire alarm systems for buildings.
Voice alarm systems and emergency voice communication.
Emergency and escape lighting.
Control circuits for fire safety and fire fighting systems.

TECHNICAL DESCRIPTION

Operating Voltage 300/500V
Test Voltage(50Hz) 2.0kV
Conductor Solid Bare Copper
Insulation Material Silicone Rubber
Jacket Material LSZH

STANDARDS

BS EN 50200 - PH30 Fire Resistant Test - Flame & Shock - 30 Minutes
BS EN 50200 - PH60 Fire Resistant Test - Flame & Shock - 60 Minutes
BS EN 50200 - PH120 Fire Resistant Test - Flame & Shock - 120 Minutes
BS 6387 Category CWZ Fire Resistant Test

TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Nominal jacket outer diameter [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
2	0.8	5.7	47.5	23.8
2	1.0	6.1	52	19.5
2	1.5	7.1	70	13.3
2	2.5	8.3	98.5	7.98
4	0.8	6.7	76.5	23.8
4	1.0	7.2	85.6	19.5
4	1.5	8.1	116	13.3
4	2.5	10.4	185	7.98



Cert. No.: 1874a/01



FIRE ALARM CABLE

Fire Resistant Type

Solid Conductor BS6387 EN50200 PH120



KEY APPLICATIONS

Fire detection and fire alarm systems for buildings.
Voice alarm systems and emergency voice communication.
Emergency and escape lighting.
Control circuits for fire safety and fire fighting systems.

TECHNICAL DESCRIPTION

Operating Voltage 300/500V
Test Voltage(50Hz) 2.0kV
Conductor Solid Bare Copper
Insulation Material Silicone Rubber
Jacket Material LSZH

STANDARDS

BS EN 50200 - PH30 Fire Resistant Test - Flame & Shock - 30 Minutes
BS EN 50200 - PH60 Fire Resistant Test - Flame & Shock - 60 Minutes
BS EN 50200 - PH120 Fire Resistant Test - Flame & Shock - 120 Minutes
BS 6387 Category CWZ Fire Resistant Test

TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Nominal jacket outer diameter [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
2	0.8	5.9	52.3	23.8
2	1.0	6.3	58.6	19.5
2	1.5	7.4	78.5	13.3
2	2.5	8.5	107	7.98
4	0.8	6.9	82.6	23.8
4	1.0	7.5	97	19.5
4	1.5	8.4	132	13.3
4	2.5	10.8	208	7.98



Cert. No.: 1874a/01



Single Core DC Solar PV Cable

H1Z2Z2-K/PV1-F CPR-ECA



KEY APPLICATIONS

Single SOLAR CABLE, Double Insulated, Halogen free, Flame retardant
Internal wiring for solar panel and photovoltaic applications

TECHNICAL DESCRIPTION

Ambient Temperature	-40℃~+90℃
Test Voltage	6500V, 50Hz, 5min
Number of Cores	Single core
Rated voltage	Max DC 1.8kV
Max Temperature at conduct	+120℃
Conductor	Tinned Copper
Insulation Material	XLPO
Jacket Material	XLPO

STANDARDS

Flame test	IEC60332-1
Weathering /UV-resistance	HD605/A1
ACID and Alkali resistance	EN60811-2-1



TECHNICAL DATA

Cross Section (mm²)	Conductor Construction (No./mm)	Insulation Min. Thickness (mm)	Jacket Min. Thickness (mm)	Cable Od. (mm)
1.5	22x0.29	0.7	0.8	4.8
2.5	36x0.29	0.7	0.8	5.5
4	56x0.29	0.75	0.8	6.2
6	84x0.29	0.8	0.8	7.00
10	80x0.4	0.8	0.9	8.5
16	120x0.4	1.0	1.0	10
25	196x0.4	1.0	1.0	12
35	276x0.4	1.2	1.2	13.00

Twin Core DC Cable Solar PV Cable

PV1-F Double Parallel CPR-ECA



KEY APPLICATIONS

Twin Core SOLAR CABLE, Double Insulated, Halogen free, Flame retardant
Internal wiring for solar panel and photovoltaic applications

TECHNICAL DESCRIPTION

Ambient Temperature	-40℃~+90℃
Test Voltage	6500V, 50Hz, 5min
Number of Cores	Double core
Rated voltage	DC 1.0kV
Max Temperature at conduct	+120℃
Conductor	Tinned Copper
Insulation Material	XLPO
Jacket Material	XLPO

STANDARDS

Flame test	IEC60332-1
Weathering /UV-resistance	HD605/A1
ACID and Alkali resistance	EN60811-2-1



TECHNICAL DATA

Cross Section (mm²)	Conductor Construction (No./mm)	Insulation Min. Thickness (mm)	Jacket Min. Thickness (mm)	Cable Od. (mm)
2x2.5	36x0.29	0.7	0.8	5.2x10.8
2x4	56x0.29	0.7	0.8	5.6x11.5
2x6	84x0.29	0.7	0.8	6.5x13.5
2x10	80x0.4	0.7	0.8	7.6x15.5

Alarm Cable/Control Cable



Product Description:

Conductor Material: solid or stranded CCA, TC, BC, TCCA
 Cable Core: 2/4/6/8/10/12/14/16/18/20 cores
 Insulation: PVC
 Rip cord: Nylon Fiber
 Shielding: shielded or unshielded
 Jacket: PVC

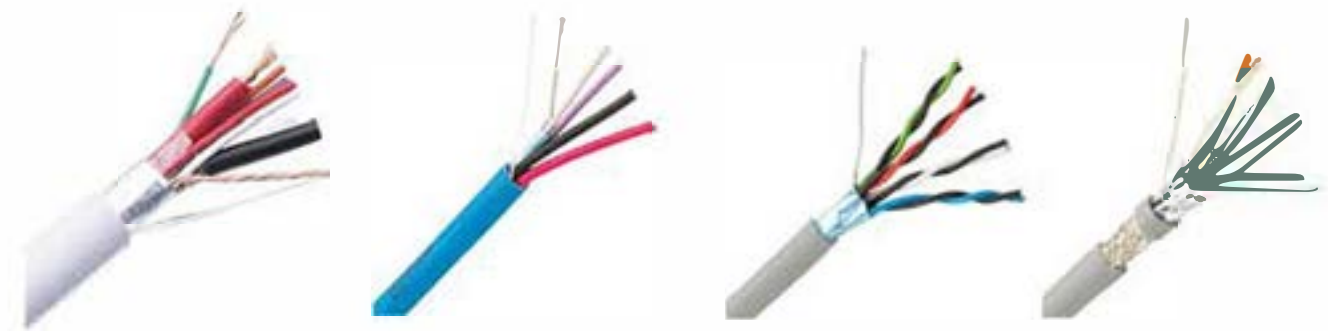
Electrical Characteristics:

Nominal DC resistance per conductor at 206.43 ohms/Kft
 Nominal capacitance between conductors at 1kHz 35 pF/FT
 Operating voltage: 300V/RMS max
 Temperature rating: -20°C to 60°C

TECHNICAL DATA

Conductor			Insulation		Jacket		
Specification (AWG)	Core No.	Construction (No./mm)	Thickness (mm)	Outer Dia. (mm)	earth wire(No./mm)	Thickness (mm)	Outer Dia. (mm)
24	2	7/0.2	0.2	1	7/0.2	0.45	3.2
24	4	7/0.2	0.2	1	7/0.2	0.5	3.6
24	6	7/0.2	0.2	1	7/0.2	0.5	4.2
24	8	7/0.2	0.2	1	7/0.2	0.6	4.8
24	10	7/0.2	0.2	1	7/0.2	0.6	5.2
24	12	7/0.2	0.2	1	7/0.2	0.7	5.7
24	14	7/0.2	0.2	1	7/0.2	0.7	6
24	16	7/0.2	0.2	1	7/0.2	0.7	6.3
24	18	7/0.2	0.2	1	7/0.2	0.8	6.8
24	20	7/0.2	0.2	1	7/0.2	0.8	7.1
24	30	7/0.2	0.2	1	7/0.2	0.9	8.3

Alarm Cable/Control Cable



Product Description:

Conductor Material: solid or stranded CCA, TC, BC, TCCA
 Cable Core: 2/4/6/8/10/12/14/16/18/20 cores
 Insulation: PVC
 Rip cord: Nylon Fiber
 Shielding: shielded or unshielded
 Jacket: PVC

Electrical Characteristics:

Nominal DC resistance per conductor at 206.43 ohms/Kft
 Nominal capacitance between conductors at 1kHz 35 pF/FT
 Operating voltage: 300V/RMS max
 Temperature rating: -20°C to 60°C

TECHNICAL DATA

Conductor			Insulation		Jacket		
Specification (AWG)	Core No.	Construction (No./mm)	Thickness (mm)	Outer Dia. (mm)	earth wire(No./mm)	Thickness (mm)	Outer Dia. (mm)
22	2+2	16/0.2+7/0.2	1	1.5	7/0.2	0.5	4.4
22	2+4	16/0.2+7/0.2	1	1.5	7/0.2	0.5	4.9
22	2+6	16/0.2+7/0.2	1	1.5	7/0.2	0.5	5.2
22	2+8	16/0.2+7/0.2	1	1.5	7/0.2	0.6	5.1
22	2+10	16/0.2+7/0.2	1	1.5	7/0.2	0.6	6.2
22	2+12	16/0.2+7/0.2	1	1.5	7/0.2	0.6	6.4
22	2+14	16/0.2+7/0.2	1	1.5	7/0.2	0.7	6.9
22	2+16	16/0.2+7/0.2	1	1.5	7/0.2	0.7	7.2
22	2+18	16/0.2+7/0.2	1	1.5	7/0.2	0.8	7.7
22	2+20	16/0.2+7/0.2	1	1.5	7/0.2	0.8	8.1

H05VVH2-F H05VV-F
CCC 227IEC52/53 RVV Power Cable

227IEC52 RVV



Product Description:

Refer Standard: GB/T5023.5-2008/IEC60227-5:2003
Rated Temperature:70℃
Rated voltage 300/300V, 300/500V
Tinned or bare stranded copper conductor
PVC Insulation, in compliance with ROHS environmental standards
Standard insulation thickness to ensure easy stripping and cutting
Used for general electronics, electric appliances, power supply connecting wire and plug wire.

Technical Requirements:

Conductor: Multi strands soft bare copper, in compliance with JIS C3406; Single conductor: soft annealing copper, in compliance with JIS C3102.
Packing: Barrels, Cartons, Rolls, Spools, etc.
All different kinds of special cables can be developed, to meet customer's requirements or samples.

TECHNICAL DATA

Type	Conductor		Insulation		Jacket		Max Conductor Resistance at 20℃ (Ω/km)
	Nominal Area (mm²)	Strands/Single Dia. (mm)	Nominal Thickness (mm)	Nominal Dia. (mm)	Nominal Thickness (mm)	Nominal Dia. (mm)	
52	2*0.5	2*28/0.15	0.5	2	0.6	5.4 5.6*3.4	39.0
	2*0.75	2*42/0.15	0.5	2.2	0.6	5.8 6*3.6	26.0
	3*0.5	2*28/0.15	0.5	2	0.8	5.6	39.0
	3*0.75	2*42/0.15	0.5	2.2	0.6	6	26.0
53	2*0.75	2*42/0.15	0.6	2.4	0.8	6.4	26.0
	2*1	2*32/0.2	0.6	2.6	0.8	7	19.5
	2*1.5	2*48/0.2	0.7	3.1	0.8	8	13.3
	2*2.5	2*51/0.25	0.8	3.7	1	9.2	7.98
	3*0.75	3*28/0.15	0.6	2.4	0.8	6.8	26.0
	3*1	3*32/0.2	0.6	2.6	0.8	7.2	19.5
	3*1.5	3*48/0.2	0.7	3.1	0.9	8.2	13.3
	3*2.5	3*51/0.25	0.8	3.7	1	9.8	7.98
	4*0.75	4*28/0.15	0.6	2.4	0.8	7.4	26.0
	4*1	4*32/0.2	0.6	2.6	0.9	8	19.5
	4*1.5	4*48/0.2	0.7	3.1	1	9.2	13.3
	4*2.5	4*51/0.25	0.8	3.7	1.1	11.1	7.98
	5*0.75	5*28/0.15	0.6	2.4	0.9	8.2	26.0
	5*1	5*32/0.2	0.6	2.6	0.9	8.8	19.5
	5*1.5	5*48/0.2	0.7	3.1	1.1	10.2	13.3
	5*2.5	5*51/0.25	0.8	3.7	1.2	12.3	7.98

CCC RVVP Power Cable

RVVP



Product Description:

Refer Standard: JB/T8734.5-2016
Rated Temperature:70℃
Rated Voltage:300/300V
Tinned or bare stranded copper conductor
PVC Insulation, in compliance with ROHS environmental standards
Standard insulation thickness to ensure easy stripping and cutting
Used for general electronics, electric appliances, power supply connecting wire and plug wire.

Technical Requirements:

Conductor: Multi strands soft bare copper, in compliance with JIS C3406; Single conductor: soft annealing copper, in compliance with JIS C3102.
Packing: Barrels, Cartons, Rolls, Spools, etc.
All different kinds of special cables can be developed, to meet customer's requirements or samples.

TECHNICAL DATA

Type	Conductor		Insulation		Braid	Jacket		Max Conductor Resistance at 20℃ (Ω/km)
	Nominal Area (mm²)	Strands/Single Dia. (mm)	Nominal Thickness (mm)	Nominal Dia. (mm)		Nominal Thickness (mm)	Nominal Dia. (mm)	
	2*0.75	2*42/0.15	0.6	2.4	80/0.12	0.8	6.4	26.0
	2*1	2*32/0.2	0.6	2.6	86/0.12	0.8	7	19.5
	2*1.5	2*48/0.2	0.7	3.1	112/0.12	0.8	8	13.3
	2*2.5	2*51/0.25	0.8	3.7	128/0.12	1	9.2	7.98
	3*0.75	3*28/0.15	0.6	2.4	112/0.12	0.8	6.8	26.0
	3*1	3*32/0.2	0.6	2.6	112/0.12	0.8	7.2	19.5
	3*1.5	3*48/0.2	0.7	3.1	128/0.12	0.9	8.2	13.3
	3*2.5	3*51/0.25	0.8	3.7	144/0.12	1	9.8	7.98
	4*0.75	4*28/0.15	0.6	2.4	112/0.12	0.8	7.4	26.0
	4*1	4*32/0.2	0.6	2.6	112/0.12	0.9	8	19.5
	4*1.5	4*48/0.2	0.7	3.1	128/0.12	1	9.2	13.3
	4*2.5	4*51/0.25	0.8	3.7	144/0.12	1.1	11.1	7.98
	5*0.75	5*28/0.15	0.6	2.4	112/0.12	0.9	8.2	26.0
	5*1	5*32/0.2	0.6	2.6	128/0.12	0.9	8.8	19.5
	5*1.5	5*48/0.2	0.7	3.1	128/0.12	1.1	10.2	13.3
	5*2.5	5*51/0.25	0.8	3.7	144/0.12	1.2	12.3	7.98
	6*0.75	6*28/0.15	0.6	2.4	128/0.12	0.9	8.2	26.0
	6*1	6*32/0.2	0.6	2.6	128/0.12	0.9	8.8	19.5
	6*1.5	6*48/0.2	0.7	3.1	144/0.12	1.1	10.2	13.3
	6*2.5	6*51/0.25	0.8	3.7	168/0.12	1.2	12.3	7.98
	7*0.75	7*28/0.15	0.6	2.4	128/0.12	0.9	8.2	26.0
	7*1	7*32/0.2	0.6	2.6	128/0.12	0.9	8.8	19.5
	7*1.5	7*48/0.2	0.7	3.1	144/0.12	1.1	10.2	13.3
	7*2.5	7*51/0.25	0.8	3.7	168/0.12	1.2	12.3	7.98

CCC RV/BV Power Cable



Product Description:

Refer Standard: GB/T5023.3-2008/IEC60227-3:1977

Rated Temperature:70℃

Rated Voltage:300/500V.450/750V

Tinned or bare stranded copper conductor

PVC Insulation, in compliance with ROHS environmental standards

Standard insulation thickness to ensure easy stripping and cutting

Used for general electronics, electric appliances, power supply connecting wire and plug wire.

Technical Requirements:

Conductor: Multi strands soft or solid bare copper, in compliance with JIS C3406;

Single conductor: soft annealing copper, in compliance with JIS C3102.

Packing: Barrels, Cartons, Rolls, Spools, etc.

All different kinds of special cables can be developed, to meet customer's requirements.

TECHNICAL DATA

Type	Conductor		Insulation	Max. Conductor Resistance at 20℃ (Ω/KM)
	Nominal Area (mm²)	Strands/Single Dia. (mm)	Nominal Dia. (mm)	
RV06	0.5	16/0.20	2.3	39.0
RV06	0.75	24/0.20	2.5	26.0
RV06	1	32/0.20	2.7	19.5
RV08-90	0.5	16/0.20	2.4	39.0
RV08-90	0.75	24/0.20	2.6	26.0
RV08-90	1	32/0.20	2.7	19.5
RV08-90	1.5	48/0.20	3.3	13.3
RV08-90	2.5	80/0.20	4	8.0
BV01	1.5	1/1.38	3.1	12.1
		7/0.52	3.2	
BV01	2.5	1/1.78	3.1	7.41
		7/0.68	3.2	
BV01	4	1/2.25	4.3	4.61
		7/0.85	4.5	
BV01	6	1/2.76	4.9	3.08
		7.104	5.1	
BV01	10	1/3.57	6.3	1.83
		7/1.35	6.6	
BV01	16	7/1.70	7.8	1.15
BV01	25	7/2.14	9.6	0.727
BV01	35	7/2.52	10.8	0.524
BV01	50	19/1.78	12.7	0.387
BV01	70	19/2.12	14.3	0.268

Speaker Cable



Product Description:

Rated Temperature:70℃

Refer Standard: Q/321002LLA02-2006

0.5-4mm² tinned or bare stranded copper conductor

PVC Insulation, in compliance with ROHS environmental standards

Standard insulation thickness to ensure easy stripping and cutting

Used for connecting power amplifier and audio equipment, etc.

Technical Requirement:

Conductor: Multi strands soft bare copper, in compliance with JIS C3406; Single conductor: soft annealing copper, in compliance with JIS C3102.

Packing: Barrels, Cartons, Rolls, Spools, etc.

All different kinds of special cables can be developed, to meet customer's requirements.

TECHNICAL DATA

Conductor			Insulation	
Nominal Area(mm²)	Strands/Single Dia. (mm)	Actual Area (mm²)	Thickness (mm)	Nominal Dia. (mm)
0.16	2*14/0.12	0.158	0.5	1.6*3.2
0.2	2*18/0.12	0.204	0.6	1.8*3.6
0.35	2*31/0.12	0.35	0.6	2*4
0.5	2*28/0.15	0.495	0.7	2.1*4.2
0.75	2*42/0.15	0.742	0.7	2.3*4.6
1	2*56/0.15	0.989	0.7	2.5*5
1.5	2*84/0.15	1.484	0.7	2.7*5.4
2	2*63/0.2	1.979	1	3.2*6.4
2.5	2*79/0.2	2.481	1	3.4*6.8
4	2*127/0.2	3.989	1.5	4.6*9.2

DMX Cable



Product Description:

This series cable are high quality and professional with flexible, antiabrasive and low corrosive gas emission PVC overall jacket. All the shield including the braided and twisted are tinned copper. And the conductors are twisted with aluminum foil, which ensures great strength, 100% shield and flexibility of the cable.

It is suitable for all the applications indoor and outdoor.

Application

Our DMX cable is professional, flexible designed for transmitting digital signals e.g. in lighting or stage motion systems. It is double screened with tinned copper wire braid and AL/PET tape that ensures very good protection against external interferences and improves the quality of transmitted signals. The cable is dedicated to professional and studio applications. Matte outer sheath eliminates the light reflection effect.

TECHNICAL DATA

ITEM	Inner conductors	Inner conductor Section	Shield	Cable Outer Diameter
DMX204	TC(19*0.15)*2	2*0.34mm²	16*8*0.10	O.D.5.8mm
DMX405	TC(19*0.15)*4	4*0.34mm²	16*8*0.10	O.D.7.5mm

Microphone Cable



Product Description:

This series is a high quality professional dual core microphone cable with flexible PVC jacket and braided Bare Copper shield. Both conductors are twisted with a fine pitch which reduces the crosstalk between adjacent cables

Application

Microphone cable with copper braid shield is suitable for use in the professional stage and studio operations, as well as for fixed installation. The line is characterized by its highly flexible PVC jacket.

TECHNICAL DATA

ITEM	Inner conductors	Inner conductor Section	Shield	Cable Outer Diameter
Mc203	BC(21*0.12)*2	2*0.24mm²	112*0.12	O.D.6.0mm

Telephone Cable

Blasting Cable



Product Description:

Rated Temperature:70℃
Tinned or bare stranded copper conductor, aluminium conductor sheathed by copper or tinned copper.
PVC, PE Insulation, in compliance with ROHS environmental standards
Standard insulation thickness to ensure easy stripping and cutting
Used for connecting electrical circuit, remote control unit, signal system,

Technical Requirement:

Conductor: Multi strands soft bare copper, in compliance with JIS C3406; Single conductor: soft annealing copper, in compliance with JIS C3102.
Packing: Barrels, Cartons, Rolls, Spools, etc.
All different kinds of special cables can be developed, to meet customer's requirements.

TECHNICAL DATA

Conductor			Insulation		Jacket	
Specification (AWG)	Core No.	Construction (No./mm)	Thickness (mm)	Outer Dia. (mm)	Thickness (mm)	Outer Dia. (mm)
28	2	7/0.12	0.29	0.95	0.5	2.1*3.2
28	4	7/0.12	0.29	0.95	0.5	2.2*4.8
28	6	7/0.12	0.29	0.95	0.5	2.4*6.8
28	8	7/0.12	0.29	0.95	0.5	2.5*8.7

Product Description:

Insulation: PVC or PP
Conductor: stranded or solid copper
Construction, sizes, colors, length, all can be customized.

Application

These wires are designed, engineered, produced, packaged and shipped to fill the needs of all electric and electronic blasting systemsBarrels, Cartons, Rolls, Spools, etc.

Technical Data

Conductor		Insulation		Max. Conductor Resistant at 20℃ (/KM)
Specification (mm)	Core No.	Thickness (mm)	Outer Dia. (mm)	
0.45	2	0.25	0.95	109
0.5	2	0.25	1.00	88.2
0.6	2	0.25	1.1	67.3

Network Patch Cord

CATEGORY 5E UTP



CAT. 5E UTP PATCH CORD

- AWG: 24 (8*7*0.20mm)
- Conductor: stranded wire 7.0*0.20mm cords
- Printed length counter at every meter of cable
- External PVC Insulation 4.8mm / 5.4mm.
- HDPE conductor insulation: 0.88±0.02mm.
- Operation up to 100MHz, 1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
MU5EBUXXX	BLUE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EBKXXX	BLACK	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EGYXXX	GREY	Cat.5e 24AWG U/UTP PVC Patch Card,RJ45,Mold
MU5EWTXXX	WHITE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5ERDXXX	RED	Cat.5e 24AWG U/UTP PVC Patch Card,RJ45,Mold
MU5EGNXXX	GREEN	Cat.5e 24AWG U/UTP PVC Patch Card,RJ45,Mold
MU5EORXXX	ORANGE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EYLXXX	YELLOW	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EPRXXX	PURPLE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold

color



Network Patch Cord

CATEGORY 5E FTP



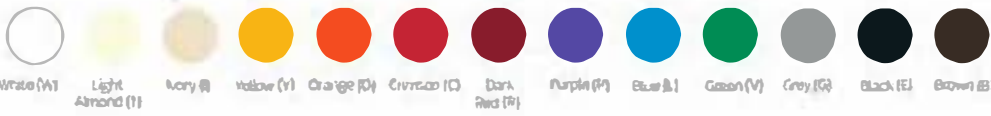
CAT. 5E FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7*0.16mm cords
- Printed length counter at every meter of cable
- External PVC Insulation 4.8mm / 5.4mm.
- HDPE conductor insulation: 0.88±0.02mm
- Operation up to 100MHz, 1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

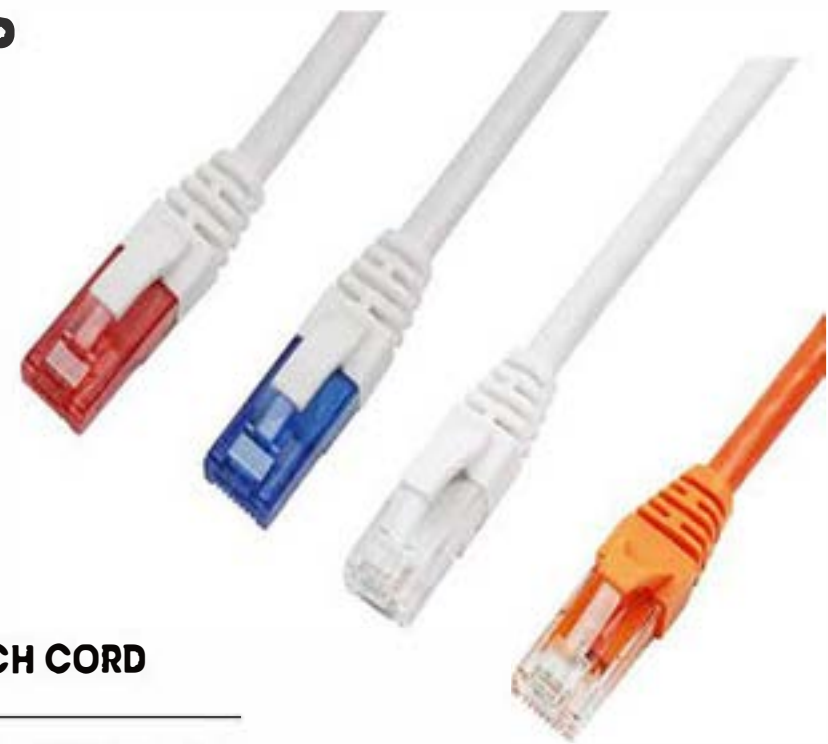
Model No	Color	Description
MF5EBUXXX	BLUE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EBKXXX	BLACK	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EGYXXX	GREY	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EWTXXX	WHITE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5ERDXXX	RED	Cat.5e 27AWG FTP PVC Patch Cord,RJ45,Mold
MF5EGNXXX	GREEN	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EORXXX	ORANGE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EYLXXX	YELLOW	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EPRXXX	PURPLE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold

color



Network Patch Cord

CATEGORY 6 UTP



■ CAT. 6 UTP PATCH CORD

- AWG: 24 (8*7*0.20mm)
- Conductor: stranded wire 7*0.2mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5.0mm/6.0mm
- HDPE conductor insulation: 0.88±0.02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
MU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6RDXXX	RED	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold

COLOR



Network Patch Cord

CATEGORY 6 FTP



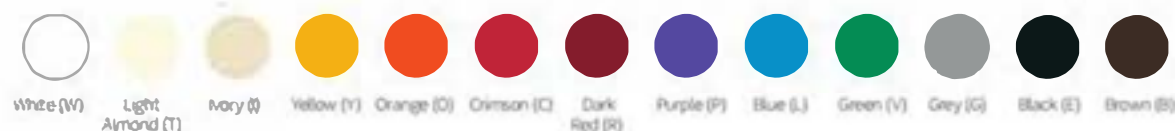
■ CAT. 6 FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7*0.16mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5.0mm/6.0mm
- HDPE conductor insulation: 0.88±0.02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

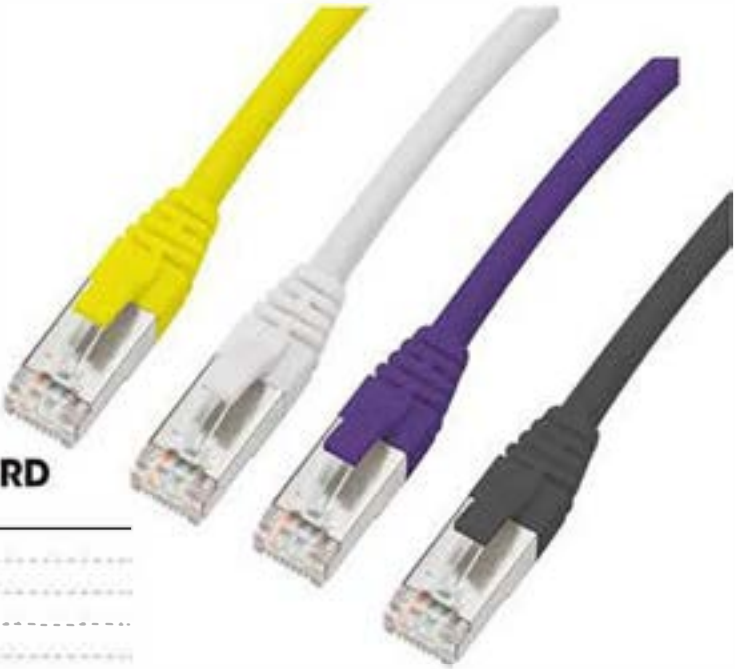
Model No	Color	Description
MF6BUXXX	BLUE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6BKXXX	BLACK	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6GYXXX	GREY	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6WTXXX	WHITE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6RDXXX	RED	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6GNXXX	GREEN	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6ORXXX	ORANGE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6YLXXX	YELLOW	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6PRXXX	PURPLE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold

COLOR



Network Patch Cord

CATEGORY 6 S/FTP



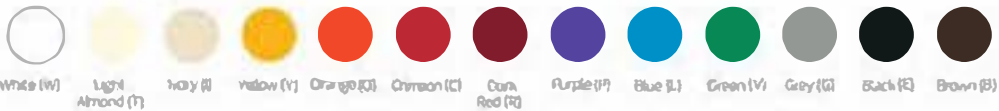
■ CAT. 6 S/FTP PATCH CORD

- AWG: 26/27 (8*7*0.152mm)
- Conductor: stranded wire 7*0.152mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5.2mm/6.0mm
- HDPE conductor insulation: 0.88±0.02mm
- Operation up to 250MHz, 1000Mbps
- Aluminum braiding on each wire pair
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
MSF6BUXXX	BLUE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6BKXXX	BLACK	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6GYXXX	GREY	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6WTXXX	WHITE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6RDXXX	RED	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6GNXXX	GREEN	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ORXXX	ORANGE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6YLXXX	YELLOW	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6PRXXX	PURPLE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



Network Patch Cord

PATCH CORD/COPPER CABLE

CATEGORY 6A S/FTP



■ CAT. 6A S/FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7*0.16mm
- HDPE conductor insulation: 0.88±0.02mm
- External PVC insulation: 5.4mm/6.2mm
- Aluminum braiding on each wire pair
- Operation up to 500MHz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
MSF6ABUXXX	BLUE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ABKXXX	BLACK	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AGYXXX	GREY	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AWTXXX	WHITE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ARDXXX	RED	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AGNXXX	GREEN	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AORXXX	ORANGE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AYLXXX	YELLOW	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6APRXXX	PURPLE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



Network Patch Cord

Network Patch Cord

PATCH CORD/COPPER CABLE

CATEGORY 7 U/FTP

CATEGORY 6 UTP SLIM ASSEMBLY



■ CAT. 7 U/FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7.0*0.16mm
- HDPE conductor insulation: 0.58±0.02mm
- External PVC insulation: 0.84*0.28±0.02mm
- Aluminum braiding on each wire pair
- Operation up to 600MHz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RAIT)
- 100% factory tested
- can be customized to your specific requirements

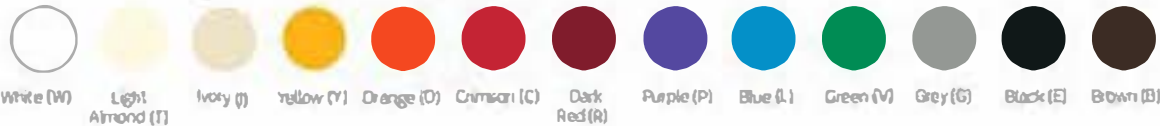
■ CAT.6A UTP SLIM PATCH CORD

- AWG: 28 (8*7*0.12mm)
- Conductor: stranded wire 7.0*0.12mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 3.5mm
- HDPE conductor insulation: 0.58±0.02mm
- Operation up to 500MHz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RAIT)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
MSF7BUXXX	BLUE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7BKXXX	BLACK	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7GYXXX	GREY	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7WTXXX	WHITE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7RDXXX	RED	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7GNXXX	GREEN	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7ORXXX	ORANGE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7YLXXX	YELLOW	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7PRXXX	PURPLE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



INFORMATION

Model No	Color	Description
MU6ASLIMBUXXX	BLUE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMBKXXX	BLACK	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMGYXXX	GREY	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMWTXXX	WHITE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMRDXXX	RED	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMGNXXX	GREEN	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMORXXX	ORANGE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMYLXXX	YELLOW	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMPRXXX	PURPLE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly

COLOR



Network Patch Cord

CATEGORY 6 UTP



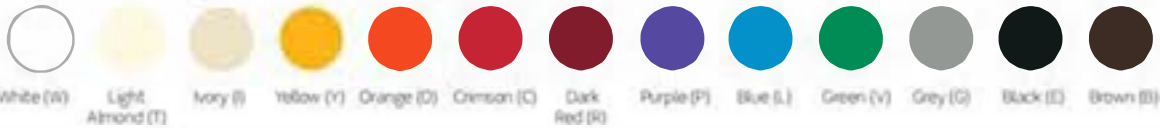
■ **UTP CAT. 6 LED SELF-TRACING ETHERNET NETWORK PATCH CABLE. THIS CABLE IS WIDELY USE IN DATA CENTER SYSTEM.**

- AWG: 24 (8.0*7.0*0.20mm).
- Conductor: stranded wire 7.0*0.2mm cords.
- Printed length counter at every meter of cable.
- External PVC insulation: 5.2mm/6.0mm.
- HDPE conductor insulation: 0.84mm / 0.88mm.
- Operation up to 250MHz, 1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC (CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
LEDMU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6RDXXX	RED	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly
LEDMU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord, RJ45, Assembly

COLOR



Network Patch Cord

CATEGORY 6 UTP



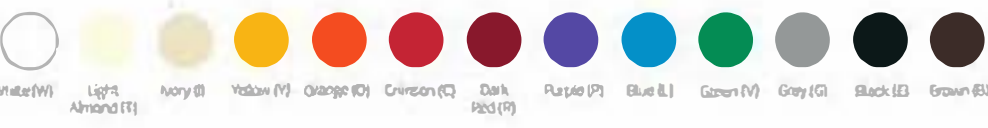
■ **UTP CAT. 6 LOCKING ETHERNET NETWORK PATCH CABLE. THIS CABLE IS WIDELY USE IN SAFETY CABLING SYSTEM.**

- AWG: 24 (8.0*7.0*0.20mm).
- Conductor: stranded wire 7.0*0.2mm cords.
- Printed length counter at every meter of cable.
- External PVC insulation: 5.2mm/6.0mm.
- HDPE conductor insulation: 0.84mm / 0.88mm.
- Operation up to 250MHz, 1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC (CM RATE)
- 100% factory tested
- can be customized to your specific requirements

INFORMATION

Model No	Color	Description
LKMU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6RDXXX	RED	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly
LKMU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC Locking Patch Cord, RJ45, Assembly

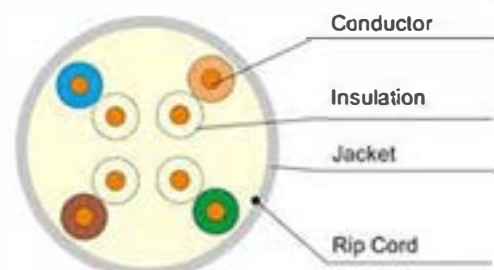
COLOR



LAN CABLE

UTP Cat.5e Solid Lan Cable

Part No.:JBLC12



Application

- Exceeds ANSI/TIA-568-C.2 and ISO 11801 2nd Edition Class D Cat.5e channel standards
- Exceeds requirements of ANSI/TIA-568.C.2 and IEC 61156-5 Cat.5e component standards
- Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE application
- Third party tested to Category 5e channel compliance
- Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap
- Color availability: additional cable colors available

Electrical Characteristics

- Impedance: 1-100MHz 100 ±15ohms
- Rated Temperature: 75°C
- DC Resistance Unbalance: max 2.5%
- DC Resistance 20°C: 9.5(ohms/100m)
- Pair-to-Ground Capacitance Unbalance: 330(pF/100m)
- Insulation Resistance: >5000MΩ*km
- Dielectric strength: 2500V DC, 2S

Conductor

- Conductor: bare solid copper
- Conductor diameter: 24AWG
- Pair Insulation: HDPE
- Outer cable diameter: 5.1 ± 0.2mm
- Pair identification: pair 1= white-blue/blue
pair 2= white-orange/orange
pair 3= white-green/green
pair 4= white-brown/brown
- Outer jacket: PVC/CMX/CM/CMR/LSZH/LDPE
- Jacket color: grey RAL 9002 or as per request

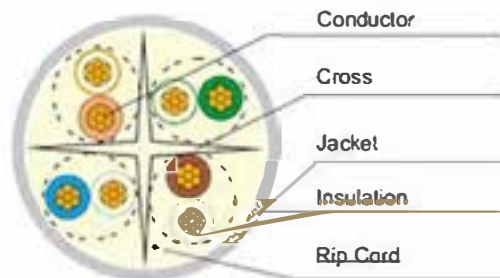
Electrical Performance

Frequency (MHz)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
0.772	19.4	1.8	67.0	65	64.0	66.0	63.0
1	20.0	2.0	65.3	63	62.3	63.8	60.8
4	23.0	4.1	56.3	52	53.3	51.7	48.7
8	24.5	5.8	51.8	46	48.8	45.7	42.7
10	25.0	6.5	50.3	44	47.3	43.8	40.8
16	25.0	8.2	47.3	39	44.3	39.7	36.7
20	25.0	9.3	45.8	37	42.8	37.7	34.7
25	24.3	10.4	44.3	34	41.3	35.8	32.8
31.25	23.6	11.7	42.9	31	39.9	33.9	30.9
62.5	21.5	17.0	38.4	21	35.4	27.8	24.8
100	20.1	22.0	35.3	13	32.3	23.8	20.8

* Only For Reference

UTP Cat.6 Solid Lan Cable

Part No.:JBLC10



Application

- Exceeds ANSI/TIA-568-C.2 Cat.6 and ISO 11801 2nd Edition Class E channel standards
- Exceeds requirements of ANSI/TIA-568.C.2 and IEC 61156-5 Cat.6 component standards
- Meets IEEE802.3af and IEEE 802.3 at for PoE applications
- Third party tested to comply with ANSI/TIA/EIA-568-C.2
- Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap
- Color Availability: Additional cable colors available

Electrical Characteristics

- Impedance: 1-250MHz 100±15(ohms)
- Rated Temperature: 75°C
- DC Resistance unbalance(%): max 2.5
- DC Resistance 20°C: 8.4(ohms/100m)
- Pair-to-Ground Capacitance Unbalance: 330(pF/100m)
- Insulation Resistance: >5000MΩ*km
- Dielectric strength: DC 2500V 2S

Conductor

- Conductor: bare solid copper
- Conductor diameter: 23AWG
- Pair insulation: HDPE
- Outer cable diameter: 6.4 ± 0.2mm
- Pair identification: pair 1= white-blue/blue
pair 2= white-orange/orange
pair 3= white-green/green
pair 4= white-brown/brown
- Outer jacket: PVC/CMX/CM/CMR/LSZH/LDPE
- Jacket color: grey RAL 9002 or as per request

Electrical Performance

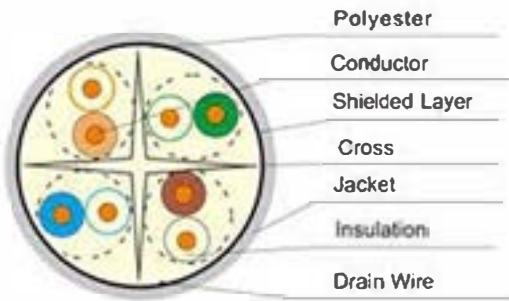
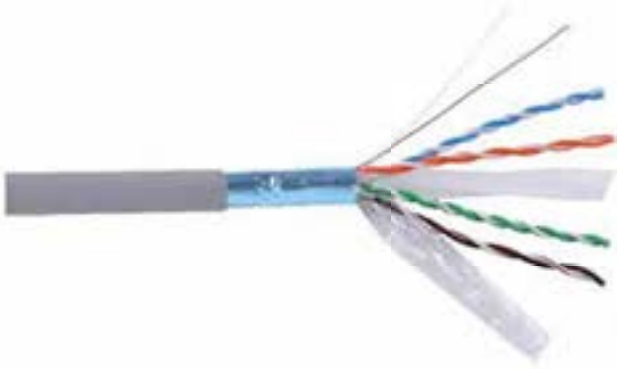
Frequency (MHz)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	20.0	2.0	74.3	72.3	72.3	67.8	64.8
4	23.0	3.8	65.3	61.5	63.3	55.8	52.8
8	24.5	5.3	60.8	55.4	58.8	49.7	46.7
10	25.0	6.0	59.3	53.3	57.3	47.8	44.8
16	25.0	7.6	56.2	48.7	54.2	43.7	40.7
20	25.0	8.5	54.8	46.3	52.8	41.8	38.8
25	24.3	9.5	53.3	43.8	51.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	42.3	27.8	24.8
150	18.9	24.7	41.7	16.9	39.7	24.3	21.3
200	18.0	29.0	39.8	10.8	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	36.3	19.8	16.8

* Only For Reference

LAN CABLE

FTP Cat.6 Solid Lan Cable

Part No.:JBLC08



- Application**
- Exceeds ANSI/TIA-568C.2 Cat.6 and ISO 11801 2nd Edition Class E channel standards.
 - Exceeds requirements of ANSI/TIA-568.C.2 and IEC 61156-5 Cat.6 component standards.
 - Meets IEEE802.3af and IEEE 802.3 at for PoE applications.
 - Foil shield reduces ingress of EMI interference to ensure cable performance at high frequency levels.
 - Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap.
 - Color Availability:Additional cable colors available.

- Electrical Characteristics**
- Impedance:1-250MHz 100±15(ohms)
 - Rated Temperature:75°C
 - DC Resistance unbalance(%):max 2.5
 - DC Resistance 20°C:8.4(ohms/100m)
 - Pair-to-Ground Capacitance Unbalance:330(pF/100m)
 - Insulation Resistance: >5000MΩ·Km
 - Dielectric strength:DC 2500V 2S

- Conductor**
- Conductor: bare solid copper
 - Conductor diameter: 23AWG
 - Pair insulation: HDPE
 - Outer cable diameter:7.6± 0.2mm
 - Pair identification: pair 1= white-blue/blue
pair 2= white-orange/orange
pair 3= white-green/green
pair 4= white-brown/brown
 - Outer jacket: PVC/CMX/CM/CMR/LSZH/LDPE
 - Overall shield material: Aluminum foil
 - Jacket color: grey RAL 9002 or as per request

Electrical Performance

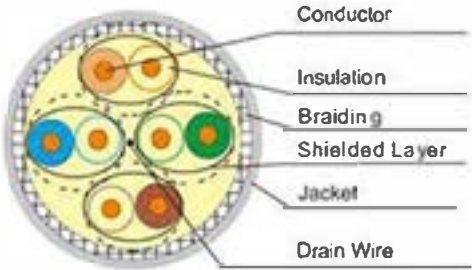
Frequency (MHz)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	20.0	2.0	74.3	72.3	72.3	67.8	64.8
4	23.0	3.8	65.3	61.5	63.3	55.8	52.8
8	24.5	5.3	60.8	55.4	58.8	49.7	46.7
10	25.0	6.0	59.3	53.3	57.3	47.8	44.8
16	25.0	7.6	56.2	48.7	54.2	43.7	40.7
20	25.0	8.5	54.8	46.3	52.8	41.8	38.8
25	24.3	9.5	53.3	43.8	51.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	42.3	27.8	24.8
150	18.9	24.7	41.7	16.9	39.7	24.3	21.3
200	18.0	29.0	39.8	10.8	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	36.3	19.8	16.8

* Only For Reference

LAN CABLE

S/FTP Cat.7 Solid Lan cable

Part No.:JBLC01



- Standard**
- IEC/ISO 61156-5
 - ISO/IEC 11801

- Application**
- Suitable for structured premises cabling
 - For transmission of digital and analogue voice and data signals.
 - Especially suitable for all Class F applications.
 - ISDN, Ethernet 10Base-T, Fast Ethernet 100Base-T, Gigabit Ethernet 1000 Base-T, 10G Base-T (IEEE802.3)
 - Token Ring 4/16M bit/s, TP-PMD/TP/DDI 125 Mbit/s, ATM 155M Bit/s (IEEE802.5)

- Electrical Characteristics**
- Impedance:1-100MHz 100±15(ohms)
100-250MHz 100±22(ohms)
250-600MHz 100±25(ohms)

- Max. Conductor DC Resistance 20°C:8.4(ohms/100m)
- Resistance unbalance(%):max 2.5
- Pair-to-Ground Capacitance Unbalance:330(pF/100m)
- Transfer Impedance:Max 10 mohms/m@100MHz
- Coupling Attenuation:Min 80 dB
- Installation temperature:0~50°C
- Operation temperature:-20~60°C

- Conductor**
- Conductor: bare solid copper
 - Conductor diameter: 23AWG
 - Pair insulation: PE(Skin-Foam-Skin)
 - Individual shield material: aluminum foil
 - Outer cable diameter: 8.3 ± 0.3mm
 - Pair identification: pair 1= blue/white pair 2= orange/white pair 3=green/white pair 4= brown/white
 - Outer jacket: PVC/CMX/CM/CMR/LSZH/LDPE
 - Overall shield material: tinned copper braid
 - Jacket color: grey RAL 9002 or as per request

Electrical Performance

Frequency (MHz)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
4	23.0	3.5	78.0	74.5	75.0	82.0	79.0
10	25.0	5.4	78.0	72.6	75.0	74.0	71.0
16	25.0	6.8	78.0	71.2	75.0	69.9	66.9
20	25.0	7.8	78.0	70.4	75.0	68.0	65.0
31.25	23.6	9.8	78.0	68.4	75.0	64.1	61.1
62.5	21.5	13.7	78.0	64.3	75.0	58.1	55.1
100	20.1	17.5	76.0	58.5	73.0	54.0	51.0
125	19.4	19.7	76.0	56.3	73.0	52.1	49.1
155	18.8	22.1	76.0	53.9	73.0	50.2	47.2
175	18.4	23.5	76.0	52.5	73.0	49.1	46.1
200	18.0	25.3	71.0	45.7	68.0	48.0	45.0
250	17.3	28.5	71.0	42.5	68.0	46.0	43.0
300	17.3	31.5	69.0	37.5	66.0	44.5	41.5
600	17.3	46.3	64.0	17.7	61.0	38.4	35.4

* Only For Reference