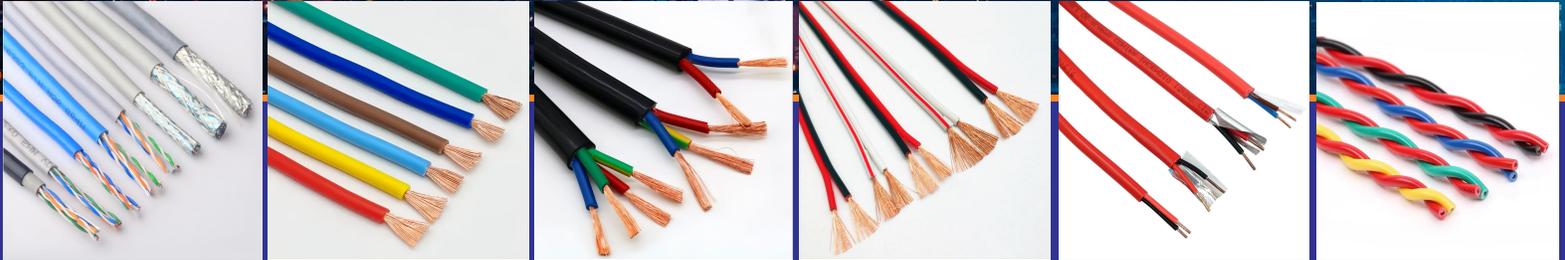




WIRE & CABLE MANUFACTURER



# Cable Catalog



## About LANP

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Lanp Cable factory is one of the leading communications cables manufacturers. Our products include lan cable, cat3, cat5, cat5e, cat6, cat6a, cat7, rj45 patch cords, electrical wire, fire alarm cable, speaker cable, power cable, security cable, telephone cable and other network accessories.

Our total manufacturing area covers 8000 square meters, with equipment such as high speed cross product lines, high speed cross supervisor data return online system (Zumbach), and cat6 twisters system machine.

We have customers in over 16 countries and regions such as America, Europe, Southeast Asia, and Africa. Both OEM and ODM services are available.

We will continue being a people-oriented, faithful supplier offering quality products and excellent service. For more information, please visit our website or contact us directly with your questions or inquiries.[le of Contents](#)

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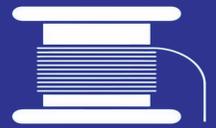
## Indoor & Outdoor Cat 5e, Cat 6 & Cat 6a Lan Cable

### Description

Lan cable, which is used in a horizontal or vertical configuration, it constitutes the base of a voice, data, network to very high rate. The cable widely used in areas of Enhanced performance Cable for Transmission of High speed Data, Digital, CCTV and Analog Voice & Video Signals on LANs.



Specification	CAT5E			CAT6			CAT6A
	UTP	FTP	SFTP	UTP	FTP	SFTP	SSTP
Conductor Material	CU/CCA/CCA			CU/CCA/CCA			CU
Conductor Dia.	0.4-0.51mm			0.5-0.57mm			0.57/0.58mm
Insulation	HDPE			HDPE			HDPE
Insulation OD	0.91mm			1.01mm			1.1mm
Insulation Color	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown						
Shielding	N.A	AL Foil	AL foil+Braid	N.A	AL Foil	AL foil+Braid	Double AL Foil
Drain Wire	N.A	Yes	Yes	N.A	Yes	Yes	Yes
Jacket	PVC/LSZH/PE			PVC/LSZH/PE			PVC/LSZH
Outer Diameter	5.0mm	5.4mm	5.8mm	6.0mm	6.4mm	6.8mm	7.0mm
Frequency	100MHz			250MHz			500MHz
Max Data Rate	1000Mbps			1000Mbps			10Gbps
Rip Cord	YES			YES			YES
Cross	N.A			YES			N.A
Color	White, Blue, Gray, Green, Yellow, Beige or request						
Temperature	70°C						
Rated voltage	300V						
Carried standard	TIA/EIA-568B						
Length	305m easy pull box, 305m wooden drum, 500m wooden drum						
Dimension	42*35.5*36CM/Carton			43*40*40.5CM/Carton			--
Certificate	CE ROHS						



## Indoor & Outdoor Cat 5e, Cat 6 & Cat 6a Lan Cable

### Package

305M easy pull box, 305m wooden drum, 500m wooden drum or request



CAT5E UTP INDOOR



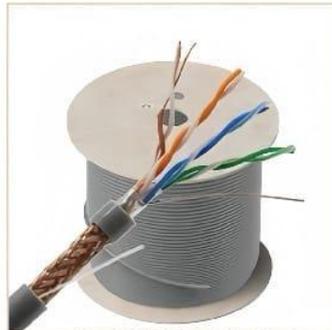
CAT5E UTP OUTDOOR



CAT5E FTP INDOOR



CAT5E FTP OUTDOOR



CAT5E SFTP INDOOR



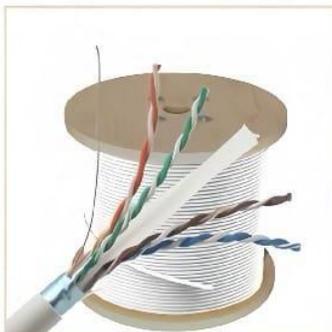
CAT5E SFTP OUTDOOR



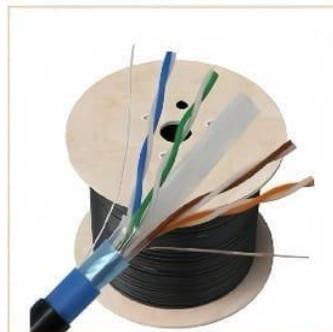
CAT6 UTP INDOOR



CAT6 UTP OUTDOOR



CAT6 FTP INDOOR



CAT6 FTP OUTDOOR



CAT6 SFTP INDOOR



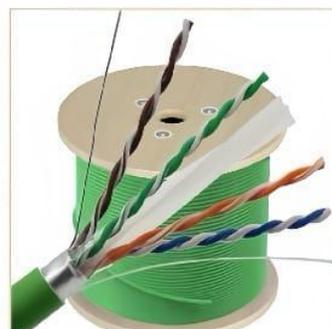
CAT6 SFTP OUTDOOR



CAT6A U/UTP



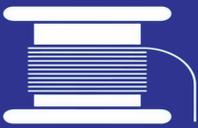
CAT6A U/FTP



CAT6A F/UTP



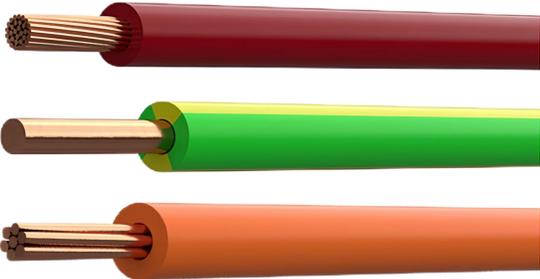
CAT6A F/FTP



## Single Core Electrical Wire

### Description

Single core insulated conductor, without sheath, for general purposes. Suitable for fixed protected installation in, or on, lighting, electrical appliances or control gear for rated voltages up to 450/750V. Installation in surface mounted or embedded conduits, or similar closed systems.



Picture			
Specification	<b>H07V-U</b>	<b>H07V-R</b>	<b>H07V-K</b>
Conductor style	Solid	Stranded	Flexible
Nominal cross section	0.5/0.75/1.0/1.5/2.5/4/6/10/16/25/35/50/70mm <sup>2</sup>		
Conductor material	Copper		
Nominal Insulated thick.	0.7mm (0.5-1.5mm <sup>2</sup> ), 0.8mm(2.5-6mm <sup>2</sup> ), 1.0mm (10-16mm <sup>2</sup> ), 1.2mm (25-35mm <sup>2</sup> )		
External Diameter	3.3mm-11.5mm		
Insulation	PVC		
Color	green-yellow, blue, black, brown, red, yellow, green, white or other colors		
Weight (Kg/km)	19-364KGS (1.5mm <sup>2</sup> -35mm <sup>2</sup> )		
Operating Temperature	-20°C up to +70°C		
Rated voltage	450/750V		
Standard lengths	100m/200m/300m/500m per roll		
Packing	100m in rings or on spools, or 500m on drums.		
Installation conditions	In conduit		
Application	Electric cabinet wiring and domestic use		
Package	100m in ring, outer with carton		
			



## Flexible Power Cable

### Description

Ordinary duty PVC cable for use in domestic appliances, kitchens and offices. For use with light portable appliances such as table lamps and office equipment. Generally unsuitable for outdoor use or industrial applications.

### Technical Details

Cable Type: Flexible  
 Conductor material: Copper  
 Insulation/Sheath: PVC  
 Temperature: 70°C maximum  
 Voltage Rating: 450/750V  
 Length: 100m in ring  
 Color: White, Black, Gray



Model NO.	Conductor		Insulation		Sheath		Weight kg/km
	Section (mm <sup>2</sup> )	Max. Resistance at 20°C (MΩ/km)	Thickness (mm)	Max. Resistance at 70°C (MΩ/km)	Thickness (mm)	Overall O.D (mm)	
LP-2G075	2×0.75	26	0.6	0.011	0.8	6.1	55
LP-2G100	2×1.0	19.5	0.6	0.01	0.8	6.5	60
LP-2G150	2×1.5	13.3	0.7	0.01	0.8	7.5	80
LP-2G250	2×2.5	7.98	0.8	0.009	1.0	9.0	119
LP-2G400	2×4.0	4.95	0.8	0.007	1.1	10.4	160
LP-3G075	3×0.75	26	0.6	0.011	0.8	6.5	65
LP-3G100	3×1.0	19.5	0.6	0.01	0.8	7.0	74
LP-3G150	3×1.5	13.3	0.7	0.01	0.8	8.1	101
LP-3G250	3×2.5	7.98	0.8	0.009	1.0	10.0	155
LP-3G400	3×4	4.95	0.8	0.007	1.1	11.3	250
LP-4G075	4×0.75	26	0.6	0.011	0.8	7.2	79
LP-4G100	4×1.0	19.5	0.6	0.01	0.8	7.9	94
LP-4G150	4×1.5	13.3	0.7	0.01	0.8	9.3	131
LP-4G250	4×2.5	7.98	0.8	0.009	1.0	10.8	185
LP-4G400	4×4.0	4.95	0.8	0.007	1.1	12.4	260
LP-5G075	5×0.75	26	0.6	0.011	0.8	8.2	95
LP-5G100	5×1.0	19.3	0.6	0.01	0.8	8.6	120
LP-5G150	5×1.5	13.3	0.7	0.01	0.8	10.2	164
LP-5G250	5×2.5	7.98	0.8	0.009	1.0	12.1	232
LP-5G400	5×4.0	4.95	0.8	0.007	1.1	14.0	330



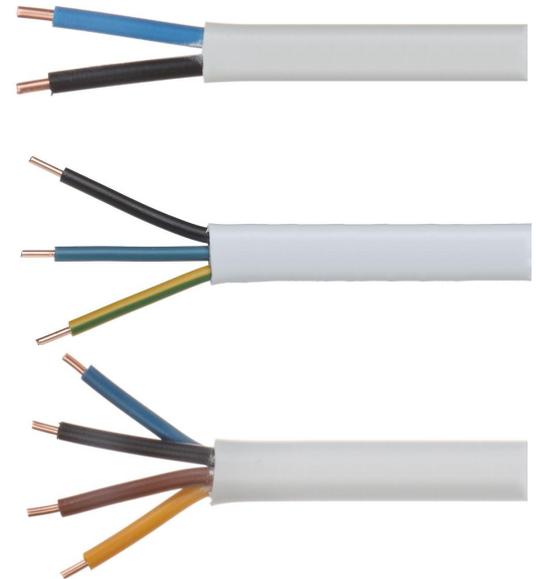
## Solid Conductor Power Cable

### Description

Cables are designed for fixed installation, indoors, in air, in and under plaster. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

### Technical Details

Cable Type: Solid  
Conductor material: Copper  
Insulation/Sheath: PVC  
Temperature: 70°C maximum  
Voltage Rating: 450/750V  
Length: 100m in ring  
Color: White, Black, Gray



Conductor cross-section (mm <sup>2</sup> )	Insulation thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Approx. cable weight (kg/km)	Max. conductor resistance at 20°C (Ω/km)
2x1	0,8	1,2	7,60	80	18,1
2x1,5	0,8	1,2	8,00	91	12,1
2x2,5	0,8	1,2	8,80	122	7,41
3x1	0,8	1,2	8,00	95	18,1
3x1,5	0,8	1,2	8,45	112	12,1
3x2,5	0,8	1,2	9,30	150	7,41
4x1	0,8	1,2	8,70	114	18,1
4x1,5	0,8	1,2	9,20	137	12,1
4x2,5	0,8	1,2	10,15	184	7,41



## Flat Twin Speaker Cable

### Description

Suitable for use in audio systems for low and high power speaker connections, security applications, various DC electrical hookups, low voltage cables, 12V DC, 24V DC, low-loss in-home; For all single color LED strip light, low voltage single color led strip, light bulb, lamp, electronic, electrical appliance and equipment, transformer, lamps, CB Radios and motor led wire connection and other low voltage products connection.



Model (size)	Description	Conductor	Outer Dia. (mm)	Insulation	Color
0.35mm <sup>2</sup>	2C×20/0.15mm	TC/CU/CCA	O.D: 2.0×4.0	PVC	Red-black/Transparent
0.5mm <sup>2</sup>	2C×28/0.15mm	TC/CU/CCA	O.D: 2.2×4.4	PVC	Red-black/Transparent
0.75mm <sup>2</sup>	2C×42/0.15mm	TC/CU/CCA	O.D: 2.4×4.8	PVC	Red-black/Transparent
1.0mm <sup>2</sup>	2C×57/0.15mm	TC/CU/CCA	O.D: 3.0×6.0	PVC	Red-black/Transparent
1.5mm <sup>2</sup>	2C×85/0.15mm	TC/CU/CCA	O.D: 3.6×7.2	PVC	Red-black/Transparent
2.5mm <sup>2</sup>	2C×7×20/0.15mm	TC/CU/CCA	O.D: 4.2×8.4	PVC	Red-black/Transparent
4mm <sup>2</sup>	2C×7×32/0.15mm	TC/CU/CCA	O.D: 5.0×10.0	PVC	Red-black/Transparent
6mm <sup>2</sup>	2C×7×48/0.15mm	TC/CU/CCA	O.D: 5.5×11.0	PVC	Red-black/Transparent

AWG (Size)	Description	Conductor	Outer Dia. (mm)	Insulation	Color
24AWG	2CX18/0.12mm	TC/CU/CCA	O.D: 1.8×3.6	PVC	Red-black/Transparent
22AWG	2CX18/0.15mm	TC/CU/CCA	O.D: 2.0×4.0	PVC	Red-black/Transparent
20AWG	2CX29/0.15mm	TC/CU/CCA	O.D: 2.2×4.4	PVC	Red-black/Transparent
18AWG	2CX46/0.15mm	TC/CU/CCA	O.D: 2.5×5.0	PVC	Red-black/Transparent
16AWG	2CX74/0.15mm	TC/CU/CCA	O.D: 3.0×6.0	PVC	Red-black/Transparent
14AWG	2CX118/0.15mm	TC/CU/CCA	O.D: 3.5×7.0	PVC	Red-black/Transparent
12AWG	2CX187/0.15mm	TC/CU/CCA	O.D: 4.5×9.0	PVC	Red-black/Transparent
10AWG	2CX297/0.15mm	TC/CU/CCA	O.D: 5.5×11.0	PVC	Red-black/Transparent



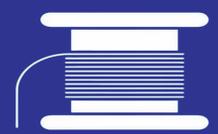
## In Wall Speaker Cable

### Description

The speaker cables are perfect for most in wall home theater sound system setup, subwoofer, tower speakers, bookshelf speakers, center channel, home theater, radios, loudspeakers, also used for various DC electrical hookups and extension cable for speakers and audio, meters, indoor appliances, automotive maintenance, trailer light, lights/lamps/bulbs, LED strips light, low voltage connection, surveillance system, door bell, garage.



AWG (Size)	No. Conductor	Conductor Strands	Conductor	Jacket	Outer Dia. (mm)	Color
20AWG	2 Core	12/0.25mm	CU/CCA	PVC, LSZH	O.D: 3.0mm	White, Black
	4 Core			PVC, LSZH	O.D: 4.1mm	
18AWG	2 Core	16/0.25mm	CU/CCA	PVC, LSZH	O.D: 4.2mm	White, Black
	4 Core			PVC, LSZH	O.D: 5.2mm	
16AWG	2 Core	26/0.25mm	CU/CCA	PVC, LSZH	O.D: 5.8mm	White, Black
	4 Core			PVC, LSZH	O.D: 6.9mm	
14AWG	2 Core	40/0.25mm	CU/CCA	PVC, LSZH	O.D: 6.7mm	White, Black
	4 Core			PVC, LSZH	O.D: 7.8mm	
12AWG	2 Core	65/0.25mm	CU/CCA	PVC, LSZH	O.D: 7.2mm	White, Black
	4 Core			PVC, LSZH	O.D: 8.1mm	
10AWG	2 Core	105/0.25mm	CU/CCA	PVC, LSZH	O.D: 8.3mm	White, Black
	4 Core			PVC, LSZH	O.D: 9.4mm	



## Security Alarm Cable

### Description

These cables are primarily designed for use with security alarms systems, security system, access control, burglar alarms. However, they are also suitable for signalling in other applications where low voltage and low currents are being used.

### Specifications

Reel Length: 100m

Voltage Rating: 50V

No. of Strands × Size: 7 × 0.2mm

Conductor Area: 0.22mm<sup>2</sup> or as request.

Conductor Material Option: Copper, CCA

Insulation Material: PVC

Shielding: Screened (AL Foil) or Unscreened

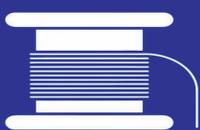
Jacket Material: PVC

Jacket Colour: White/Gray

Current Rating: 1A



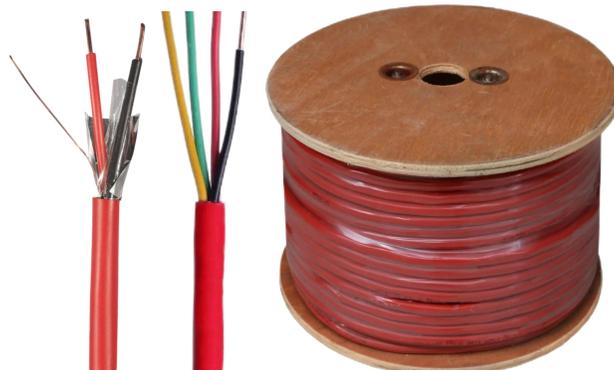
Core No.	Conductor Size (mm)	Insulation Thickness (mm)	Max. Diameter (mm)	Jacket Thickness (mm)	Max. Conductor Resistance at 20°C (ohms/km)	Min. Insulation Resistance at 20°C (ohms/km)	Core Spark Test Voltage (KV)
4	0.22	0.2	3.4±0.1	0.5	141	100	1
6	0.22	0.2	4.2±0.20	0.5	141	100	1
8	0.22	0.2	4.5±0.20	0.5	141	100	1
12	0.22	0.2	5.4±0.20	0.6	141	100	1



## Fire Alarm Cable

### Description

The cables are designed for use in Fire Protection, Alarm system, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits, Fire Protective Signaling Circuits, Smoke Detectors, Strobes/Sirens, Pull Stations, Voice Communications, Burglar Alarms, Audio, Control, Microprocessor/Addressable Controlled Systems.,ect



Conductor NO.	AWG Size	Strand	Insulation Thickness (mm)	Jacket Thickness (mm)	Normal O.D (mm)	Jacket Material	Package
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#### UNSHIELDED

4 Core	20AWG	Solid	0.4	0.8	3.98	PVC/LSZH	305m/roll
2 Core	18AWG	Solid	0.5	0.9	3.84	PVC/LSZH	305m/roll
4 Core	18AWG	Solid	0.5	0.9	4.47	PVC/LSZH	305m/roll
6 Core	18AWG	Solid	0.5	0.9	5.38	PVC/LSZH	305m/roll
2 Core	16AWG	Solid	0.5	1.0	4.37	PVC/LSZH	305m/roll
4 Core	16AWG	Solid	0.5	1.0	5.11	PVC/LSZH	305m/roll
2 Core	14AWG	Solid	0.5	1.0	5.21	PVC/LSZH	305m/roll
4 Core	14AWG	Solid	0.5	1.0	6.27	PVC/LSZH	305m/roll
2 Core	12AWG	Solid	0.6	1.1	6.07	PVC/LSZH	305m/roll

#### SHIELDED (Aluminum Foil)

4 Core	20AWG	Solid	0.4	0.8	4.62	PVC/LSZH	305m/roll
2 Core	18AWG	Solid	0.5	0.9	5.64	PVC/LSZH	305m/roll
4 Core	18AWG	Solid	0.5	0.9	6.40	PVC/LSZH	305m/roll
2 Core	16AWG	Solid	0.5	0.9	6.17	PVC/LSZH	305m/roll
4 Core	16AWG	Solid	0.5	0.9	7.04	PVC/LSZH	305m/roll
2 Core	14AWG	Solid	0.5	1.0	6.84	PVC/LSZH	305m/roll
4 Core	14AWG	Solid	0.5	1.0	7.29	PVC/LSZH	305m/roll
2 Core	12AWG	Solid	0.6	1.1	7.40	PVC/LSZH	305m/roll



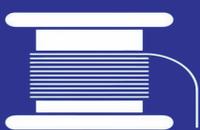
## Cat3 Multi-Pair Communication Cable

### Description

Category 3 cable are suitable for use in all Class C structured wiring cable systems. The range supports telephone and security application, data and voice transmissions at frequencies up to 16MHz. The Cable is available for both Indoor and Outdoor applications.



Specification	Value									
Conductor Material	Copper or CCA									
Conductor Diameter	0.4mm, 0.45mm, 0.48mm, 0.5mm, 0.51mm									
Insulation Material	Polyethylene (PE) with colour marking									
Insulated diameter	0.9±0.03mm									
Jacket Material	PVC, PE, LSZH									
Jacket Thickness (mm)	2 Pair	5 Pair	6 Pair	10 Pair	20 Pair	25 Pair	30 Pair	50 Pair	100 Pair	
	0.5	0.55	0.55	0.8	1.2	1.2	1.2	1.4	1.6	
Outer diameter (mm)	2 Pair	5 Pair	6 Pair	10 Pair	20 Pair	25 Pair	30 Pair	50 Pair	100 Pair	
	3.5	5.4	5.8	7.8	10.1	11.2	12.6	16.3	22.8	
Rip Cord	Nylon Thread									
Pulling Tension Max.	110N (25lbf)									
Bend Radius	One Time: 4 x O.D. Installation: 8 x O.D.									
Operating Temperature	-20°C ~ 60°C									
Storage Temperature	-20°C ~ 75°C									
Installation Temperature	0°C ~ 60°C									
Mutual Capacitance	6.6nF/100m nominal									
Characteristic Impedance	100Ω ±15%, 1.0 - 100MHz									
DC Resistance	9.5Ω/100m maximum									
Conductor DC Resistance	28.6Ω/1000ft maximum									
Insulation DC Resistance	500 MΩ/1000ft maximum									
Voltage	300VAC or VDC									
Propagation Delay	5.7ns/m maximum @ 10MHz									
Nom. Velocity of Propagation	70%									
Transmission Performance	TIA/EIA-568-C 10 channel and link performance									
Package	305m wooden drum, 500m wooden drum or request									



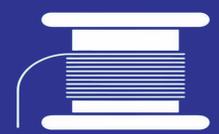
## RJ45 Cat5e & Cat6 Patch Cord

### Description

Network patch cable is the cost-effective solution for data center and SMB applications. Design for computer, hubs, switches, servers, routers, DSL/cable modems and patch panel in Gigabit datacenter application. With fast transmission and excellent signal quality, it ensures peak performance through your LAN.



Product Type	Patch Cord
Conductor Gauge	24AWG, 26AWG, 28AWG
Conductor Type	Stranded
Conductor diameter	7/0.2mm, 7/0.16mm, 7/0.14mm, 7/0.12mm
Conductor Material	Copper, CCA
Insulation Material	HDPE
Performance Level	Category 5e & Category 6
Cable Construction	UTP, FTP
Patch Cord Type	Unshielded or Shielded
Plug Housing Material	Polycarbonate
Jacket Material	Polyvinyl Chloride (PVC)
Termination End	RJ45 Plug
Overall Length	1m, 1.5m, 2m, 3m, 5m, 7m, 10m, 15m, 20m, 25m, 30m, 50m
Nominal Outside Diameter	5.0mm (Cat5e); 6.0mm (Cat6)
Wiring Scheme	RJ45/T568B
Operating Temperature	-10°C ~ +60°C
Storage Temperature	-40°C ~ +70°C
Boot Color	Clear
Jacket Color	Blue, White, Black, Red, Yellow, Green, Gray
PoE Compatibility	PoE/PoE+/PoE++
Plug Type	8 Position
Rip Cord	Yes
Package	Inner packed in PE bag, outer package carton



## 2-12 Conductor Control Cable

### Description

These cables are particularly suited for substation control functions, and can also be used for general purpose control circuits in industrial applications. They are semi-flexible, suitable for AC or DC use in dry or wet locations and can be used as aerial cables, installed in conduit or troughs or they can be directly buried. The cable made by PVC insulated and PVC Jacket.



Conductor Number	Conductor AWG	Nominal Insulation Thickness (mm)	Nominal Jacket Thickness (mm)	Nominal Cable O.D. (mm)	Approx. Cable Weight (Kg/Km)
2	14	0.48	1.1	5.97	93
3	14	0.48	1.1	10.2	141
4	14	0.48	1.1	11.0	173
5	14	0.48	1.1	12.1	195
7	14	0.48	1.1	13.0	258
9	14	0.48	1.1	16.3	352
12	14	0.48	1.1	18.0	451
2	12	0.48	1.1	6.48	126
3	12	0.48	1.1	11.3	186
4	12	0.48	1.1	13.2	234
5	12	0.48	1.1	14.2	296
7	12	0.48	1.1	15.5	383
9	12	0.48	1.1	18.2	485
12	12	0.48	1.1	20.2	626
2	10	0.48	1.1	7.11	171
3	10	0.48	1.1	12.6	252
4	10	0.48	1.1	14.7	348
5	10	0.48	1.1	15.9	406
7	10	0.48	1.1	17.3	539
9	10	0.48	1.1	20.4	684
12	10	0.48	2.0	23.7	944
2	9	0.48	1.1	7.4	195
3	9	0.48	1.1	13.2	278
4	9	0.48	1.1	15.2	382
5	9	0.48	1.1	16.8	463
7	9	0.48	1.1	18.3	619
9	9	0.48	1.1	21.5	784
12	9	0.48	2.0	25.0	1082

## About LANP

Founded in 2013, LANP cable is a one of the leading wires and cables manufacturer in China. Our products include Lan cable cat3, cat5, cat5e, cat6, cat6a, cat7, RJ45 patch cords, electrical wire, power cable, security cable, fire alarm cable, speaker cable, telephone cable, control cable and other network accessories and computer cables.



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