Cat. 6 Network Cable

Product Description

Cat. 6 Network Cable， CAT-6 cable, also known as Category 6 twisted pair network cable, is a high-performance transmission cable standard widely used in computer networks. Compared to the previous generation CAT-5 line, CAT-6 line has significantly strengthened in anti-interference, signal attenuation, and system noise protection.

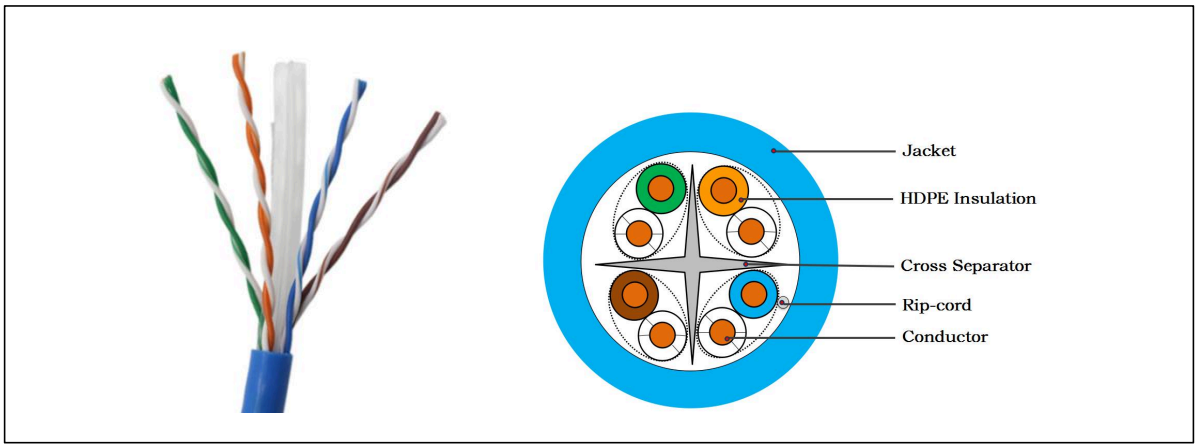
Product features

- The CAT-6 cable supports a transmission rate of up to 10Gbps per second and a signal transmission frequency of up to 250MHz, capable of handling a large amount of high-speed data transmission needs.
- Adopting advanced anti-interference technology, effectively resisting interference signals such as electromagnetic interference and crosstalk, ensuring the high quality of network communication.
- Having lower signal attenuation and more stable impedance, it can transmit higher quality signals over longer distances.
- Backward compatibility with older Ethernet standards such as CAT-5 and CAT-5e facilitates network upgrades and expansion.

Application

Suitable for various scenarios, including home networks, small business networks, data centers, etc., to meet the high-speed network connection needs of devices such as televisions, game consoles, smartphones, laptops, etc.

Product Drawing



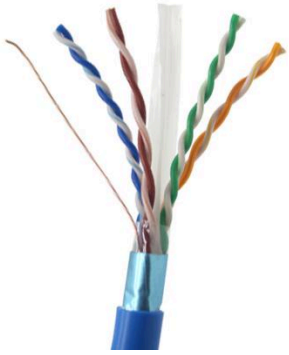
Technical Specifications

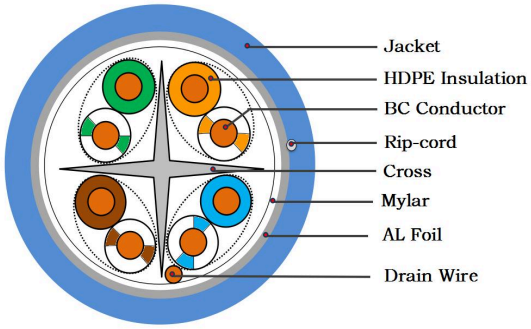
Product Parameters

Project	Technical indicators	
Product name	CAT6 UTP CBLE	
Conductor	Material	CCA/CCAG/ BC
	Diameter	24AWG 0.5mm (±0.01mm)
Insulation	Material	HDPE
	Thickness	⩾ 0.2mm
Cross	Material	PE

Rip Cord	Material	Nylon
Jacket	Material	PVC PE LSZH
	Thickness	⩾ 0.55mm
	Diameter	5.0mm ± 0.2mm

Product Drawing



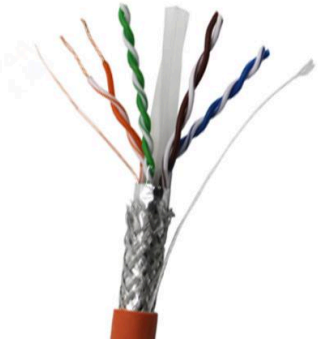


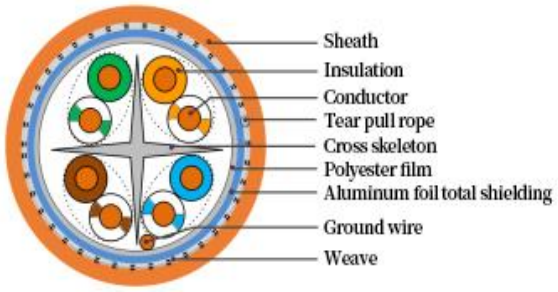
Technical Specifications

Product Parameters

Project	Technical indicators	
Product name	CAT6 FTP CABLE	
Conductor	Material	CCA BC
Cross	Material	PE
Insulation	Material	HDPE
	Thickness	⩾ 0.2mm
Drain Wire	Material	CCA BC TC
	Diameter	0.4mm/ 0.5mm
Transparent Tape	Material	PE
Rip Cord	Material	Nylon
Jacket	Material	PVC PE LSZH
	Thickness	⩾ 0.55mm

Product Drawing





unionfiber

Technical Specifications

Product Parameters

Project	Technical indicators	
Product name	CAT6 SFTP CABLE	
Conductor	Material	CCA BC
Insulation	Material	HDPE
	Thickness	⩾ 0.2mm
Drain Wire	Material	CCA BC TC
	Diameter	0.4mm/ 0.5mm
Transparent Tape	Material	PE
Braiding	Coverage	64/ 80/ 96/ 112/ 128/ 144 50%/ 60%/ 70%/ 80%/ 90%/ 100%
	Diameter	0.08/ 0.1/ 0.12mm
	Material	AL/ CCA/ BC/ TC
Rip Cord	Material	Nylon
Jacket	Material	PVC PE LSZH
	Thickness	⩾ 0.55mm