



W305-UTP-24C6

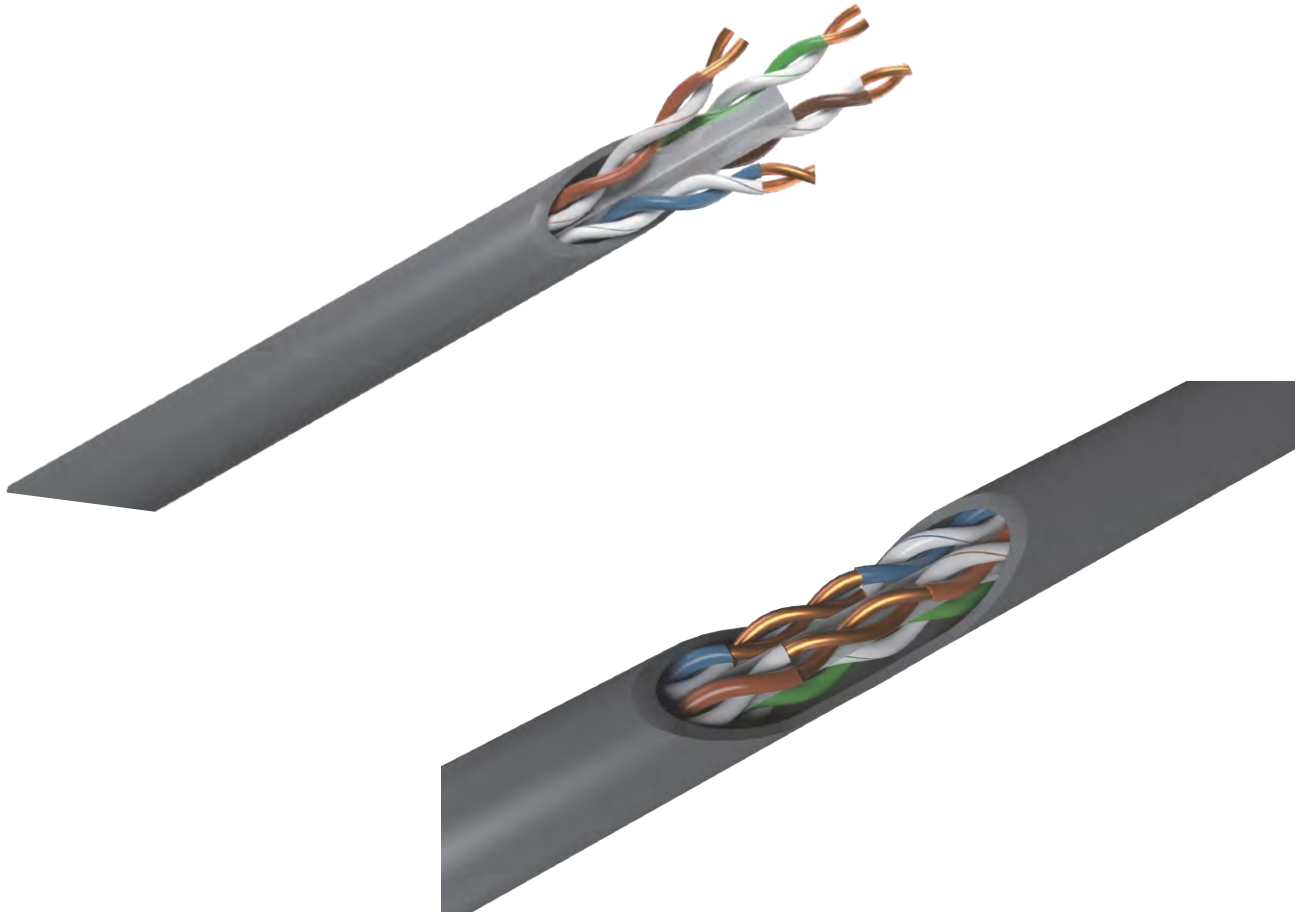
Unshielded UTP CAT6 Cable 305M (Dark gray)

Product number:880501

Summary

W305-UTP-24C6 is a unshielded CAT6 cable designed for fixed installation. The whole cable is 305 meters long. The cable body is made of single-strand 8-core 24AWG oxygen-free copper wire with PVC eco-friendly material outer jacket. The insulation sheath is made of high-density PE material which is strong and more durable. Cross-shaped spline structure makes the crosstalk small, low attenuation, and enhances the transmission performance. The cable body uses cable de-twisting technique to make itself more firmer and the transmission more stable. With cable meter mark, it can be freely cut according to the required length, increasing the convenience of your deployments. Suitable for computers, switches, routers, security monitoring. Stable support for 2.5Gbps/5Gbps networks. Supports up to 10Gbps transmission rates in specific environments.

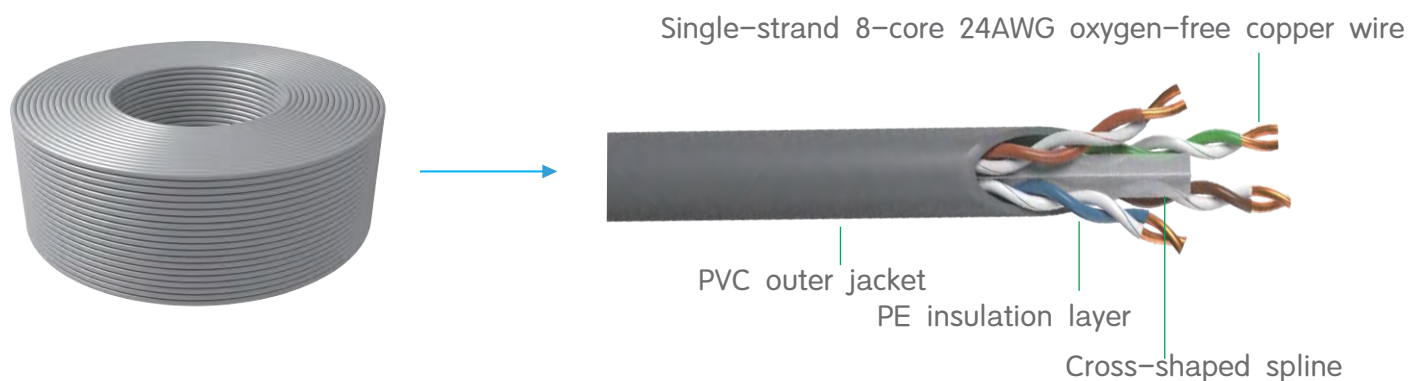
Product view



Technical Characteristics

- ◆ Unshielded CAT6 cable designed for engineering installation
- ◆ The transmission rate can be up to 10Gbps
- ◆ Single-strand 8-core 24AWG oxygen-free copper
- ◆ PVC eco-friendly material jacket which is wear-resistant, tensile, waterproof and stain-resistant
- ◆ Cable de-twisting technique to make itself more firmer and the transmission more stable
- ◆ With cable meter mark , it can be freely cut according to the required length, increasing the convenience of your deployments
- ◆ Cross-shaped spline structure secures the four sets of twisted pairs into its grooves for low crosstalk, low attenuation, and enhanced transmission performance
- ◆ Cross-shaped spline isolation ensures NEXT performance and a reasonable bending radius for construction
- ◆ Suitable for use with LED sender to receiver cards, HDBaseT, etc
- ◆ It is suitable for use in scenarios such as computers, switches, routers, and security monitoring

Diagram of Details



Product Parameter

Name	Parameter
Cable Type	CAT6 UTP
Environmental Information	RoHS 2.0, REACH Compliant
Structure	Conductor + Insulation layer + PVC Jacket
Conductor Gauge	24AWG
Conductor Size	0.5mm*8
Conductor Material	OFC oxygen-free copper
Insulation Material	PE
Insulation Outer Diameter	1.0±0.03mm
Insulation Color Code	Blue & White/Blue; 2P: Orange & White/Orange; 3P: Green & White/Green; 4P: Brown & White/Brown
Cable Technique	Cross-shaped spline and four pairs of core wires as a whole twisted counterclockwise
Core Wire Direction	s
Core Wire Lay Length	<30mm
Cable Direction	s
Cable Lay Length	≤120mm
Outer Jacket Material	Double-layer PVC
Jacket Outer Diameter	6.1±0.3mm
Cable Color	Dark gray
Conductor Resistance	≤9.42Ω/100M at 20℃
Transmission Rate	10Gbps
Insulation Resistance	Min.5000mega ohms-km at 20℃
Dielectric Strength	1000V DC/1min;No Breakdown
Delay Skew	≤45ns
Frequency	250Mhz
Impedance	100Ω±15
Testing	PASS FLUKE
Insulation Elongation	≥300%
Insulation Tensile	≥16 Mpa
Jacket Elongation	≥100%
Jacket Tensile	≥12.5 Mpa
Operating Temperature	-20~60℃
Operating Voltage	30V
Packing weight	13.45kg