

XL500-C

CAT 5e Network Twisted Pair Cable



- Constructions of 4 pairs twisted cables
- Conductor sizes of 24 AWG available
- Copper-clad aluminium conductor
- Customized PVC outer sheath
- Rated temperature range of -20 to +60°C

Technical Parameters

Basic

Model number	XL500-C
Standards	YD/T1019-2013; ISO/IEC 11801; ANSI/TIA/ETIA 568-B
Wires Specs	4 * 2 * 0.50(mm)
Operation Temperature	-20°C to +60°C

Material

Conductor	
Material	Copper-clad aluminium
Diameter	1/0.50mm±0.01mm
Wire Gauge	24AWG
Insulation	
Material	HDPE
Diameter	0.92mm±0.05mm
Avg.Thickness	0.19mm
Min.Thickness	0.17mm
Color	Blue, white/blue; orange, white/orange; green, white/green; brown, white/Brown
Filler	
Material	Nylon
Jacket	
Material	PVC
OD	5.2mm±0.30mm

Avg.Thickness	0.5mm
Min.Thickness	0.4mm

Electrical

Conductor Resistance	≤9.38Ω/100M at 20°C
Insulation Resistance	Min.5000mega ohms-km at 20°C
Dielectric Strength	No Breakdown with 1000V DC for 1min
Delay Difference	≤45ns
Test Model	100Mhz

Mechanical

Insulation Elongation at Break	≥300%
Insulation Tensile Strength	≥16 Mpa
Jacket Elongation at Break	≥150%
Jacket Tensile Strength	≥13.5 Mpa

Package

Packing	Pull box
Length	305m
Rip Cord	Yes
Drain wire	N/A
Carton (L*W*H)	355 * 355 * 220 (mm)

Ordering Information

Product Type	Part Number	Description
CAT 5e Cable	XL500-C	CAT 5e; 4*2*0.50, OD5.2±0.30mm

