

XL600-C-L56

CAT 6 Network Twisted Pair Cable



- Constructions of 4 pairs twisted
- Conductor sizes of 23 AWG available
- 85 to 115 Ohm impedance available
- Copper clad aluminum conductor
- Customized PVC outer sheath
- Rated temperature range of -20 to +60°C

Technical Parameters

Basic

Model number	XL600-C-L56
Standards	YD/T1019-2013; ISO/IEC 11801; ANSI/TIA/ETA 568-B
Wires Specs	4 * 2 * 0.56 (mm)
Operation Temperature	-20°C to +60°C

Material

Conductor	
Material	Copper Clad Aluminum
Diameter	1/0.56±0.01mm
Wire Gauge	23AWG
Insulation	
Material	HDPE
Diameter	1.0mm±0.05mm
Avg.Thickness(mm)	0.19
Min.Thickness(mm)	0.17
Color	Blue, white/blue; orange, white/orange; green, white/green; brown, white/Brown
Separator	
Material	PE
Specification	Translucent 4.3mm* 0.35mm
Filler	
Material	Nylon
Jacket	
Material	PVC
OD	6.1mm±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
Frequency	250Mhz
Impedance	100Ω±15

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)	395 * 395 * 235 (mm)

Ordering Information

Product Type	Part Number	Description
CAT 6 Cable	XL600-C-L56	CAT 6; OFC;OD6.1mm±0.30mm

