

XL600-C-B-L | Lite Series

CAT 6 UTP Outdoor Network Cables



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

Technical Parameters

Basic

Model number	XL600-C-B-L
Wires Specs	4 × 2 × 0.5 (mm)
Operation Temperature	-20°C to +60°C

Material

Conductor	
Material	Copper Clad Aluminum
Diameter	0.5 mm ± 0.015 mm
Wire Gauge	24 AWG
Insulation	
Material	HDPE
OD	0.9 mm ± 0.05 mm
Avg. Thickness	0.19 mm
Min. Thickness	0.17 mm
Color	Blue, white / blue; orange, white / orange; green, white / green; brown, white / brown
Separator	
Material	PE
Specification	Translucent 4.3 mm × 0.35 mm
Filler	
Material	Nylon
Sheath	
Sheath Thickness	0.5 mm ± 0.15 mm
Material	PVC (inside)
OD	5.5 mm ± 0.2 mm
Color	Grey

Material	PE (outside)
OD	6.4 mm ± 0.15 mm
Color	Black

Electrical

Conductor Resistance	≤ 9.38 Ω / 100 M at 20°C
Insulation Resistance	Min. 5000mega ohms-km at 20°C
Dielectric Strength	No Breakdown with 1000 VDC for 1 min
Delay Difference	≤ 45 ns
Frequency	250 Mhz
Impedance	100 Ω ± 20 Ω

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	305 M
Rip Cord	Yes
Drain wire	N/A
Carton (L×W×H)	330 × 330 × 257 (mm)

Ordering Information

Product Type	Part Number	Description
CAT 6e Cable	XL600-C-B-L	CAT 6; 4 × 2 × 0.5 mm, OD 6.4 mm ± 0.15 mm

