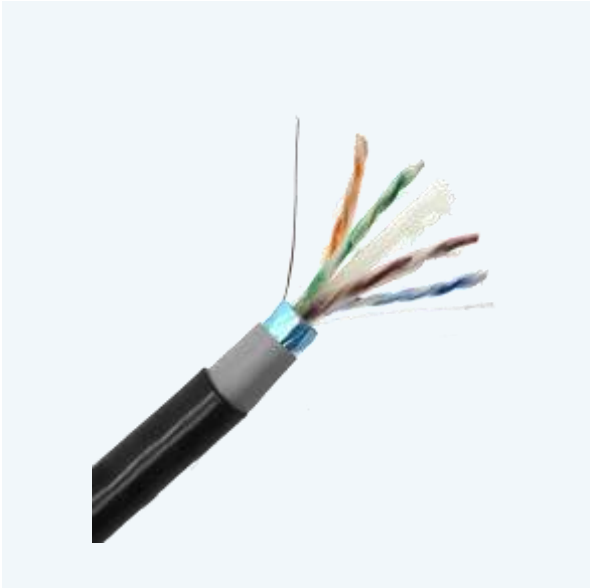
PRODUCT DATA SHEET

NETLINK | STRUCTURED CABLING

Xcell Netlink Outdoor CAT6 UTP Cable, Water-Blocking Gel-Filed, Double Jacket (PVC + PE)

Oxygen-Free Copper, 23AWG, 305 M



- 23 AWG oxygen-free copper
- Water-blocking gel.
- Double Jacket PVC + PE jacket construction.
- AL Foil Shielded

MAIN SPECIFICATIONS	
Range of products	NetLink
Product / component type	Category 6 UTP Outdoor cable
Cable shielding type	UTP
Color of Sheath	Black

APPLICATIONS

● Horizontal and Building Backbone, Gigabit Ethernet, 100Base-TX, 100Base VG-Any LAN,155/622 ATM, Token Ring, TP-PMD, Audio,Multimedia, Telephone Networks

CABLE CONSTRUCTION	
Conductor material	Oxygen Free Copper (OFC), 99.99% conductivity
Conductor Size	23AWG (1/0.58 ± 0.01 mm)
Construction	4 pairs (4 × 2 × 0.58 mm)
Insulation Material	Polyethylene (PE), new material
Insulation Thickness	0.269 mm ± 0.05 mm
Insulation colors	Green, orange, brown, blue
Pair Shielding	AL Foil Shielded, 4 Twisted Pairs
Drain Wire	None
Jacket Material	Dual Layer: LSZH (Inner) + PE (Outer)
Jacket layer	PVC + PE; water-blocking gel
Jacket Color	Grey (custom colors available)
Jacket Thickness	0.7 mm ± 0.1 mm
Overall Diameter	6.5 mm ± 0.3 mm
Color Code (Pairs)	1. White/Blue & Blue (Unused) 2. White/Orange & Orange (Tx+ / Tx−) 3. White/Green & Green (Rx+ / Rx−) 4. White/Brown & Brown (Unused)
Standards	ANSI/TIA/EIA-568B.2; IEEE 802.3U; IEEE 802.5; ISO/IEC 11801; EN50173

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PERFORMANCE & ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	0°C to 150°C
Storage temperature	0°C to 150°C
Passing distance	100 m
Work datapass	Minimum ≥ 200 m
Attenuation at 250 MHz	No more than 20 dB/km
Ohmic asymmetry	No more than 2% over 100 m

WARRANTY	
Warranty	5 Year

ORDER INFORMATION

Product Description	Part No
Xcell Netlink Outdoor CAT6 UTP Cable,23AWG Oxygen-Free Pure Copper Conductors, Water-Blocking Gel-Filled, Double Jacket (PVC + PE), 305m	XLOUT-UTP6GRY-23GEL-PVC+PE

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