

Xcell Netlink Outdoor CAT6 UTP Cable, 23AWG Oxygen-Free Pure Copper Conductors, Water-Blocking Gel-Filled, Double Jacket (PVC + PE), 305m

(Part No - XLOUT-UTP6GRY-23GEL-PVC+PE)



| CONSTRUCTION | |
|----------------------|--|
| Cable Type | CAT 6 Outdoor Dual Jacket, Water-blocking Gel Filled |
| 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 OD | 0.95 mm ± 0.03 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 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) |

| Electrical Parameters | |
|-----------------------------------|--|
| Standards Compliance | ANSI/TIA/EIA-568B.2, IEEE 802.3U, IEEE 802.5, ISO/IEC 11801, EN50173 |
| Maximum Transmission Distance | 100 m (standard) |
| Work Data Pass | Min. ≥ 200 m |
| Attenuation Coefficient (250 MHz) | ≤ 20 dB/km |
| Ohmic Asymmetry (100 m pair) | ≤ 2% |

| Physical Characteristics | |
|--------------------------|--|
| Storage Temperature | 0 °C to +150 °C |
| Operating Temperature | 0 °C to +150 °C |
| Applications | Horizontal and Building Backbone, Gigabit Ethernet, 100Base-TX, 100Base VG-Any LAN, 155/622 ATM, Token Ring, TP-PMD, Audio, Multimedia, Telephone Networks |