

FTP CAT 6 Outdoor Dual Jacket, Water Blocking Gell filled cable, 23AWG, 4 Pair



CONSTRUCTION	
Cable Type	FTP, 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