

Category 6A FTP Cabling System U/FTP Solid Cable

Part No: 9365A

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Category 6A U/FTP Cable has been designed to provide the exceptional performance required to support extremely high speed applications, including 10-Gigabit Ethernet.

The individually shielded pairs ensure maximum transmission, free from the problems of NEXT and alien crosstalk. The sheath is a Low Smoke Zero Halogen (LSZH) material, as specified in many public buildings.

Cable Specification

- **Conforms to:** IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
10GBase-T standards: ANSI/TIA 568C: ISO/IEC 11801 2nd ed.
IEC 61156-5 2nd ed.; EN 50173-1; EN 50288-10
RoHS2002/95/EC
- **Fire Rating:** IEC 60332-1; IEC 60754-1; IEC 60754-2; IEC 61034
- **Conductor:** Bare copper wire (AWG 23)
- **Insulation:** Polyethylene, Ø 1.45 mm
- **Drain Wire:** Tinned copper
- **Shield Around Each Pair:** Alu / polyester tape
- **Sheath:** LSZH Ivory
- **Bending Radius:** 35 mm without load; 70 mm with load
- **Temperature Range:** Operation -20°C up to +60 °C
Installation 0°C up to +50 °C
- **Outer Diameter:** 7.0 mm
- **Max Pulling Tension:** 78 N

Electrical Specification

- **DC Resistance:** < 9 Ω /100m
 - **DC Resistance Unbalance:** 2%
 - **Insulation Resistance (500V):** 5000 MΩ km
 - **Capacitance Unbalance (pair to ground):**
< 300 pF/100m
 - **Characteristic Impedance:** @100 MHz 100 ± 5
 - **Nominal Velocity of Propagation:** Approx. 74%
 - **Transfer Impedance (mΩ/m):**
- | 1MHz | 10MHz | 30MHz | 100MHz |
|------|-------|-------|--------|
| 50 | 50 | 70 | 100 |



Ordering Information

- **Part No:**
9365A
- **Product Description:**
VIDEK 4 Pair Solid U/FTP LSZH Cat6a
Augmented 10Gig Grey 305Mtr