



Cat6A U/FTP Cable

INTRODUCTION

D-Link solid cables are the best twisted-pair cables in the market for transmitting data over local area Networks (LANs). These cables exceed performance requirements specified by the TIA/EIA-568B.2 / TIA/EIA-568C.2 and IEC 60603-7-4 standards.

As streaming video and multimedia over LAN are gaining popularity, users demand faster data transmission and reduced waiting time. D-Link cables are ideal for simple, cost-effective and high-speed transmission performance. They support a higher signal-to-noise ratio, providing better reliability for current applications and higher data rates for future applications.

CAT6A (AUGMENTED) CABLE

Cat6A cable is specified by TIA/EIA-568C.2 for enhanced performance standards for twisted pair cable systems. It performs at improved specifications, practically in the area of alien crosstalk as compared to category 6. These cables are made of 23 AWG copper wires with a frequency of 500MHz can transmit data at 10 BASE-T, 100BASETX, 1000BASE-T and 10G BASE-T (Gigabit Ethernet).

FEATURES

- Complies with Cat6A Specifications
- 4 Pairs Individually Foiled Twisted Pair (U/FTP) Cable
- 23 AWG solid copper conductors with a frequency of 500 MHz
- Packaged in a MDF spools in a box

APPLICATION

- 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T (IEEE802.3)
- 100VG-AnyLAN (IEEE802.12)
- 1000 MHz Broadband Video
- Voice, T1, ISDN
- 155/ 622 Mbps ATM
- Power over Ethernet (POE)

SPECIFICATIONS

- Conductor Metal: Bare Copper
- Color Code: Gray
- Conductor: 23 AWG(0.574 ±0.007mm), Multi-cores (Solid)
- Insulation Material: Foam-PE, OD: 1.30 ±0.10mm, Average Thickness: 0.23 mm
- Jacket Material: LSZH (IEC 60332-1) Average Thickness: 0.55mm nominal
- Cable Diameter:7.6 mm nominal

APPROVAL / CERTIFICATION

- Compliant with TIA/EIA-568C.2 standards
- D-Link Product Hazardous Substance Management
- RoHs
- ISO 11801
- IEC 60754 P1

TECHINICAL DETAILS

- Heat-resistant: 75°C minimum (Temperature limited)
- Mutual Capacitance: 5.6nF/100m nominal
- Characteristic Impedance: 100± 15Ω
- Nominal Velocity of Propagation: 69%
- Pulling force: 11.5Kgs
- Bending radius: < 8 x Cable Diameter at -20°C ± 1°C
- Temperature range: -20° to 70°C

Product No.	Description	Color
NCB-6AFPGRYR-305-LS	Cat6A U/FTP 23 AWG solid, LSZH Sheath, 305 Mtr/Roll	Gray