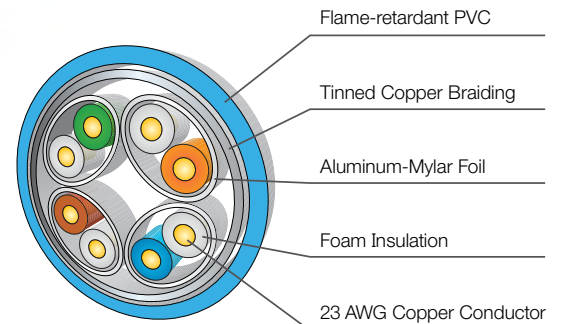


Shielded CAT6/STP Cabling



KD-CAT6STP1X NEW

High Performance CAT6/STP Cabling – 1,000 ft. spool



Key Technical Features

- › Designed for 1000Base-TX, 100Base-TX; 10Base-T and HDBaseT® applications
- › Features 4 individually aluminum-foil screened twisted pairs
- › Overall braid-shielded to an S/FTP form
- › Frequency Range: 1 to 1.4 Ghz
- › Conductor Size: 23 Awg Bare Copper
- › Internal Shield Material: Aluminum-Mylar Tape
- › Overall Shield Material: Tinned-Copper Braid
- › Conductor Color Code: Standard
- › Total Wires: 8

Key Benefits

- › Shielded twisted pair (STP) cable designed to work with Key Digital® Digital IQ Series™ KD-HD8x8BT, KD-HD8x8XC
- › Optimized for use with Key Digital® FatCAT Series™ KD-CATHD500/300 HDBT/HDMI/DVI Baluns to ensure improved syncing / stable signals
- › Provides reliable HD video signal transfer for longer distances
- › High-performance data communications for noisy environment
- › Future-proofs your LAN installation by ensuring voice, data, video and security capabilities of your cabling

Specifications

Compliance:

- › ANSI/TIA-568-C.2 CAT.6; ISO/IEC 11801 CLASS E
- › Flame retardant according to: IEC 60332-1-2
- › RoHS per EU Directive 2002/95/EC
- › Listed: UL/cUL

Construction:

- › Conductor: Copper; Size Bare: 23AWG
- › Insulation: Foam-Skin PE; Thickness Nominal: 0.414 mm; Diameter Nominal: 1.387 mm; Colors: Blue/White, Orange/White, Green/White, Brown/White; Unaged Elongation: Min. 100%; Unaged Tensile Strength: Min. 0.816 Kg/mm²
- › Screen: Aluminum-Mylar tape and tinned copper braid
- › Jacket: Flame Retardant PVC; Thickness Nominal: 0.5 mm; Diameter Nominal: 7.2 mm; Color: Blue; Unaged Elongation: Min. 100%; Unaged Tensile Strength: Min. 1.407 Kg/mm²; Aging at 100°C for 168 Hrs: Min. elongation retention: 50%, Min. tensile strength retention: 75%

Electrical:

- › Dielectric Strength of Insulation: 1500 V dc 1 2 seconds
- › Insulation Resistance Test: Min. 5000 MΩ·Km
- › Conductor Resistance: Max. 9.38 Ω/100m at 20°C
- › Resistance Unbalance: Max. 2%
- › Capacitance Unbalance: Max. 160 pF/100m
- › Mutual Capacitance: Max. 5600 pF/100m
- › Impedance: 772kHz – 125Ω ± 20%; 1-250MHz – 100Ω ± 15%

Shielded CAT6/STP Connectors



KD-RJ45SC NEW

RJ45 Shielded Connectors, required for CAT6STP1X



Key Benefits

- › Optimized for use with Key Digital® FatCAT Series™ KD-CAT6STP1X CAT6/STP Cable
- › Designed for 1000Base-TX, 100Base-TX; 10Base-T and HDBaseT® applications
- › Provides reliable HD video signal transfer for longer distances
- › For Shielded Twisted Pair Applications
- › 15 μ Gold Plated Contacts