

Network Cables



UNSHIELDED TWISTED PAIR CABLE (UTP), CATEGORY 6, 4 PAIRS, SOLID, OUTDOOR



Description

Unshielded copper cable, 4 pairs, category 6, solid. Four unshielded twisted pairs (UTP), with a special star shaped central filler cabled together and double jacketed with a FR-LSZH compounds, a rip cord between the jackets.

Specifications

Meets ANSI/EIA/TIA 568, IEC 61156-5 requirements
Fire safety standard UL 1581 VW-1, IEC 60332-1

Applications

Cable is used for indoor and outdoor applications, low temperature conditions. Fixed installations, high bandwidth digital applications with low BER

Ordering

Part Number	Description
14C6U8S49-3	Unshielded Twisted Pair Cable (UTP), Cat 6, 4 pairs, Solid, Outdoor

Materials

Conductive material: wire of annealed electrolytic copper, solid
Conductor insulation: polyolefin
The cable inner jacket: FR-LSZH (flame retardant low smoke zero halogen compound), grey color
The cable outer jacket: FR-LSZH (flame retardant low smoke zero halogen compound), black color

Technical characteristics

Number of pairs: 4 pairs
Conductor diameter (core): 0.58 mm (23 AWG)
Insulated conductor diameter: 1.0 mm
Inner jacket diameter: 6.7 mm
Outer cable diameter: 8.3 mm
Tensile strength: = 120 N
Minimum bend radius: 120 mm
Operating temperature: -55°C - +70°C
Cable weight per 1 km: 52.4 kg

SHIELDED TWISTED PAIR CABLE (STP), CATEGORY 6, 4 PAIRS, SOLID, OUTDOOR



Description

Meets ANSI/EIA/TIA 568, IEC 61156-5 requirements
Fire safety standard UL 1581 VW-1, IEC 60332-1

Specifications

Cable is used for indoor and outdoor applications. Fixed installations, high bandwidth digital applications with low BER and high data rates.

Applications

Shielded copper cable, 4 pairs, category 6, solid. Four individually shielded twisted pairs (U/FTP) cabled together and double jacketed with a FR-LSZH compounds, with a rip cord between the jackets. The outer jacket of black color made of UV resistant material, ideal for outdoor use.

Ordering

Part Number	Description
14C6S8S49-3	Shielded Twisted Pair Cable (STP), Cat 6, 4 pairs, Solid, Outdoor

Materials

Conductive material: wire made of annealed electrolytic copper, solid
Conductor insulation: foamed polyolefin, skin-foam-skin layer
Shield: every pair is separately shielded with polyester aluminum foil, which covers 100% of twisted pair
Drain wire: tinned copper
The cable inner jacket: FR-LSZH (flame retardant low smoke zero halogen compound), grey color
The cable outer jacket: UV resistant FR-LSZH (flame retardant low smoke zero halogen compound), black color

Technical characteristics

Number of pairs: 4 pairs
Conductor diameter (core): 0.57 mm (0.022") (23 AWG)
Insulated conductor diameter: 1.34 mm (0.053")
Inner jacket diameter: 7.2 mm (0.284")
Outer cable diameter: 9.6 mm (0.378")
Tensile strength: = 15.3 kg (150 N)
Minimum bend radius: 120 mm (4.72")
Rip cord breaking strength: 10 kg (98 N)
Drain wire diameter: 0.41 mm (0.017") (26 AWG)
Operating temperature: -40°C - +70°C (-104°F - +158°F)
Cable weight per 1000 ft (304.8 m): 25.9 kg (57.2 lbs)