



Cat6 Plenum Solid UTP 1000' Reel in Box - Black

CAT6-P-BK

SKU: 44613 UPC: 810070018344

SCP Plenum Rated Cat6 Enhanced 550 MHz 23 AWG Solid UTP Category Cable

SCP Cat6 UTP Plenum cables comply with NFPA-262 and are suitable for installation in ducts and plenums without the use of conduit. These cables are designed for fire resistance and low-smoke. Only plenum rated cables are allowed for USA installation in spaces such as raised flooring systems and air handling ducts.

SCP Cat6 Plenum cables meet ANSI/TIA 568.2-D Category 6 standards. Each cable is 550 MHz 23 AWG insulated solid bare copper conductors with a center spline separating the pairs. This creates a round and flexible cable for easy pulling and stripping of the cable jacket. This cable is UL and CMP rated and it is packaged on a Reel-In-Box (RIB).

Features

- Category 6 Cable
- Plenum
- High performance of transmission
- Sweep frequency up to 550 MHz
- 23 AWG Solid BC
- 4-Pair UTP
- PVC Jacket
- With cross filler & rip cord
- UL CMP
- Reelex - carton and easy to pull out.
- 1000' Box

Available in a variety of colors

- Black - CAT6-P-BK
- Blue - CAT6-P-BL
- Green - CAT6-P-GN
- Gray - CAT6-P-GY
- Purple - CAT6-P-PUR
- White - CAT6-P-WT
- Yellow - CAT6-P-YL

Comparable to:

- Belden 7882A, 1874A
- Honeywell 5102
- Coleman 977964

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|-------------------|------------------------------------|
| Category | U/UTP CAT6-4P-CMP PVC |
| Test Standard | ISO/IEC11801?TIA-568-C.2 ?YD/T1019 |
| Conductor: | |
| Material | Solid-Bare Copper |

| | |
|--|---|
| Nom.O.D.(mm) | 0.565 up +0.005, 0.565 up -0.005, |
| Insulation: | |
| Material | FEP |
| Diameter | 1.00±0.04mm |
| Sheath: | |
| Thickness | 0.45±0.05mm |
| External O.D. | 5.8±0.4 mm |
| Surface | Clean, Frap, Satiation |
| Material | CMP PVC(complies RoHS) |
| Color | According to the requires |
| Surface Printing: | |
| Letter height | 3.0±0.3mm |
| Color | Black |
| Print error & Space | ±0.5%±1m |
| Core Color | 1 White/Blue 2 White/Orange 3 White /Green 4 White/Brown |
| Packing | Box 305m, 36 boxes each pallet |
| Weight | N.W 13.30KGS/ G.W16.60KGS |
| Packing length | 305±1.5m |
| Rip-cord | Yes |
| Drain wire | No |
| Sheath Physical Properties: | |
| Before Aging Tensile Strength (Mpa) | ≥13.5 |
| Elongation(%) | ≥150 |
| After Aging Tensile Strength(Mpa) | ≥12.5 |
| Elongation(%) | ≥125 |
| Electrical Characteristics (20°C): | |
| 1.0-100.0MHz Impedance (Ω) | 100±15 |
| 1.0-100.0MHz Delay Skew (ns/100m) | ±45 |
| Velocity of Propagation (%) (NVP) | 74 |
| DC Resistance Ω/100m) max | 9.5 |
| DC Conductor Resistance Unbalance(%) max | 5.0 |