

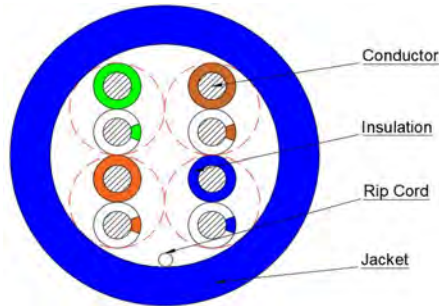


LAN CABLE

6E CMP SP

CMP(Plenum Rated)

Cable Structure



Test Standard

ISO / IEC 11801
ANSI / TIA-568.2-D
c(UL)

Construction & Specifications

- Conductor: Solid-Bare Copper 0.56±0.10mm
- Insulation: FEP 0.95±0.03mm
- Insulation Color:
 1. Blue & White with Blue
 2. Orange & White with Orange
 3. Green & White with Green
 4. Brown & White with Brown
- Rid cord:A Kevlar rip cord under jacket for ease of jacket stripping
- Jacket: Low Smoke PVC jacket 5.2±0.20mm

Jacket Physical Properties

| | |
|-------------------------------------|------------------|
| Before Aging Tensile Strength (MPa) | ≥ 13.5 |
| Before Aging Elongation (%) | ≥ 150 |
| Aging Period (°C x hrs) | 100°C x 24h x 7d |
| After Aging Tensile Strength (MPa) | ≥12.5 |
| After Aging Elongation (%) | ≥ 125 |

Printing:

PSI DATA UTP CAT6E 4PR 23 AWG CMP (UL) c(UL) E***** FT6 VERIFIED TO ANSI/TIA-568.2-D CAT 6E 550MHz RoHS 0000FT/1000FT

Remarks:

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Electrical Performance (20 °C)

1.0-100.0 MHz Impedance (Ω) 100±15
1.0-100.0 MHz Delay Shew (ns / 100m) ≤45
Max DC Resistance (Ω / 100m) 9.5
Max DC Conductor Resistance Unbalance (%) 5.0
Voltage Rating: 80V

Temperature Range

Temp Rating: 75°C
Operation Temperature: -20°C To +75°C

Technical Performance

| MHz | RL ≥ dB | ATT ≤ dB | NEXT ≥ dB | PSNEXT ≥ dB |
|-------|---------|----------|-----------|-------------|
| 1 | 20 | 2 | 74.3 | 72.3 |
| 4 | 23 | 3.8 | 65.3 | 63.3 |
| 8 | 24.5 | 5.3 | 60.8 | 58.8 |
| 10 | 25 | 6 | 59.3 | 57.3 |
| 16 | 25 | 7.6 | 56.2 | 54.2 |
| 20 | 25 | 8.5 | 54.8 | 52.8 |
| 25 | 24.2 | 9.5 | 53.3 | 51.3 |
| 31.25 | 23.3 | 10.7 | 51.9 | 49.9 |
| 62.5 | 20.7 | 15.4 | 47.4 | 45.4 |
| 100 | 19 | 19.8 | 44.3 | 42.3 |
| 200 | 16.4 | 29 | 39.8 | 37.8 |
| 250 | 15.6 | 32.8 | 38.3 | 36.3 |
| *350 | 14.6 | 39.8 | 36.1 | 34.1 |
| *550 | 12.9 | 51.8 | 33.2 | 31.2 |

Packing

1,000' Box / pallet

