

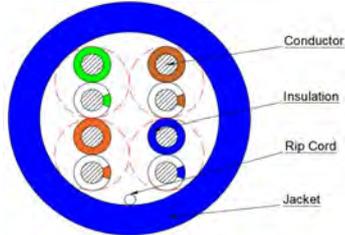


LAN CABLE

6E CMR SP

CMR(Riser Rated)

Cable Structure



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: 60°C
 Operation Temperature: -20°C To +60°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

Test Standard

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

Construction & Specifications

- Conductor: Solid-Bare Copper 0.56±0.10mm
- Insulation: High Density Polyethylene HDPE 1.00±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 nylon rip cord under jacket for ease of jacket stripping
- Jacket: Premium grade PVC jacket 5.7±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

Packing

1,000' Box / pallet



Printing:

PSI DATA UTP CAT6E 4PR 23 AWG CMR (UL) c(UL) E***** FT4 VERIFIED TO ANSI/TIA-568.2-D CAT 6E 550MHZ RoHS 0000FT/1000FT

Remarks:

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