

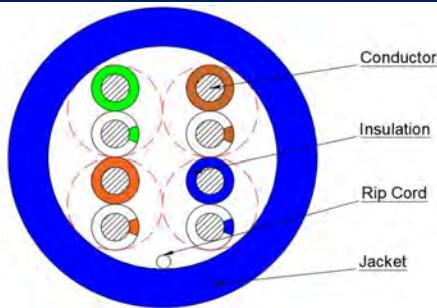


LAN CABLE

6E CMP SP

CMP(Plenum 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: 75°C
 Operation Temperature: -20°C To $+75^{\circ}\text{C}$

Technical Performance

MHz	RL \geq dB	ATT \leq dB	NEXT \geq dB	PSNEXT \geq 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



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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