

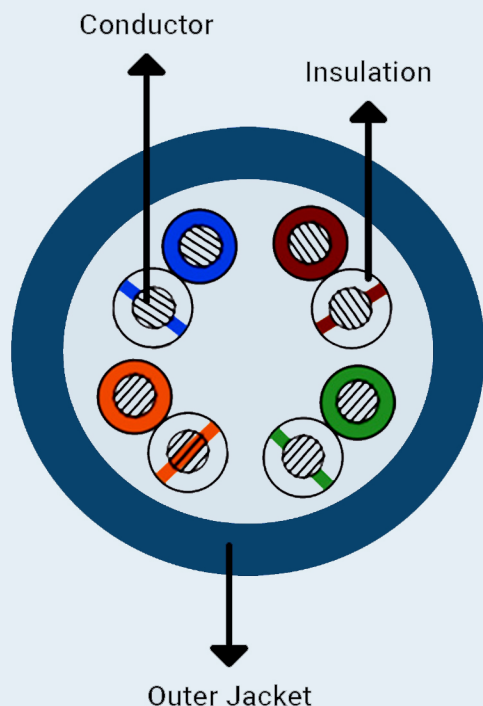
CAT5E PLENUM 1000FT UTP CABLE (Bare Copper)

DESCRIPTION

- Category-5E, 24AWG, UTP.
- 8C BC, 350MHz.
- CMP Rated, 1000ft.

FEATURES

- High-Performance Category-5E Data Cable.
- 24AWG BC Conductors.
- 350MHz Bandwidth for Data Applications.
- EIA/TIA 568-C.2, RoHS Compliant, FCC, CE, CSA, ISO/IES.
- 1000ft Pull box.



Specification

Technical Data

Product Standard Certification CMP

Conductor

Size 24AWG
Material 100% Pure Copper

Outer Jacket

Material Plenum
Outer Diameter $6.8 \pm 0.3\text{mm}$ ($0.268'' \pm 0.012''$)

Conductor Insulation

Material PVC

Color of Pairs

Pair 1 Blue, White-Blue
Pair 2 Orange, White-Orange
Pair 3 Green, White-Green
Pair 4 Brown, White-Brown

Mechanical Characteristics

Rated Temperature ($^{\circ}\text{C}$) 0°C to 60°C
Voltage 30V
Capacitance 5.6nF/100m Nominal
Velocity of Propagation (VPN) 65%
Max. Conductor D.C.R. 9.38 Ω /100m Nominal
Max. D.C.R. Unbalance 5%

Ratings

ATM PMD 155 Mbps IEEE 802.3 Fast Ethernet :1 Base-T, 100 Base-T4, 100 Base-X IEEE 802.5 :4/16 Mbps Token Ring, IEEE 802.12 :100 Base-VG

Jacket Colors Available

Blue, Green, Red, White, Yellow

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Performance

ITEM(d B) Frequency (MHz)	ATT MAX. (dB/100m)	NEXT MIN. (d B)	ACR MIN. (dB)	PS. NEXT MIN. (dB)	PS. ACR MIN.	ELFEXT MIN (dB/100m)	PS. ELFEXT MIN. (dB/100m)	R.L. MIN. (d B)
1	2.0	68.3	66.3	66.3	64.3	63.8	60.8	20.0
4	4.1	59.3	55.2	57.3	53.2	51.7	48.7	23.0
8	5.8	54.8	49.0	52.8	47.0	45.7	42.7	24.5
10	6.5	53.3	46.8	51.3	44.8	43.8	40.8	25.0
16	8.2	50.3	42.1	48.3	40.1	39.7	36.7	25.0
20	9.3	48.8	39.5	46.8	37.5	37.8	34.8	25.0
25	10.4	47.3	36.9	45.3	34.9	35.8	32.8	24.3
31.25	11.7	45.9	34.2	43.9	32.2	33.9	30.9	23.6
62.5	17.0	41.4	24.4	39.4	22.4	27.8	24.8	21.5
100	22.0	38.3	16.3	36.3	14.3	23.8	20.8	20.1
155	28.1	35.5	7.4	33.5	5.4	20.0	17.0	18.8
200	32.4	33.8	1.4	31.8	0	17.7	14.7	18.0
240	36	32.6	N.A	30.6	N.A	16.2	13.2	17.4
300	41	31.2	N.A	29.2	N.A	14.2	11.2	16.8
350	44.9	30.1	N.A	28.1	N.A	12.9	9.9	16.3