



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 966956
DESCRIPTION: 24 AWG /4 Pair Category 5e CMP
COMPLIANCE:

- ETL Listed Type CMP
- C(ETL) listed CMP FT6
- ETL Verified to ANSI/TIA 568-C.2
- Tested to 350 MHz

Construction Parameters:

Conductor 24 AWG Solid Bare Copper
Dielectric Solid FEP
Assembly Each pair has different lay length for cross-talk prevention and ripcord added.
Jacket PVC

DIAMETER*

0.020"

0.035"

0.185"

* = Nominal value

Product Electrical Characteristics:

Max Capacitance (nF/100m @ 1 kHz)	Max DC Resistance (Ω/100m @ 20 °C)	Max Delay Skew (ns/100m)	Nom Velocity of Propagation (%)	Characteristic Impedance (Ω @ 1-100 MHz)
5.6	9.38	45	68	100 +/- 15

Freq (MHz)	Max Insertion Loss (dB/100m)	Min NEXT Loss (dB)	Min PSNEXT Loss (dB)	Min ACR (dB/100m)	Min PSACR (dB/100m)	Min ACRF (dB/100m)	Min PSACRF (dB/100m)	Min Return Loss (dB)
1	2.0	65.3	62.3	63.3	60.3	63.8	60.8	20
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1
155	28.1	32.4	29.4	4.3	1.3	20.0	17.0	18.8
200	32.4	30.8	27.8	-	-	17.8	14.8	18.0
250	36.9	29.3	26.3	-	-	15.8	12.8	17.3
350	44.9	27.1	24.1	-	-	12.9	9.9	16.3

* Note that values above 100 MHz are not guaranteed and are for engineering reference only.

Pair Colors: W/BL with BL, W/OR with O, W/GR with GR, W/BR with BR
Jacket Color: Standard colors are White, Yellow, Orange, Green, Blue, Gray and Black

Legend (Ink Print) CAT5E COLEMAN CABLE 966956 CAT5E 24 AWG 4PR UTP C(ETL)US LISTED (ETL CODE) TYPE CMP
FT6 TESTED TO 350 MHZ ETL VERIFIED TO ANSI/TIA-568-C.2 CAT 5E

(Also printed with sequential footage & date code)

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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