



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 96263  
**DESCRIPTION:** 24 AWG /4 Pair Category 5e CMR  
**COMPLIANCE:**

- ETL Listed Type CMR
- C(ETL) listed CMR FT4
- ETL Verified to TIA/EIA 568-C.2
- Tested to 350 MHz

## Construction Parameters:

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

### DIAMETER\*

0.020"

0.036"

0.200"

\* = 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, Pink and Black

Legend (Ink Print) CAT5E COLEMAN CABLE 96263 CAT5E 24 AWG 4PR UTP C(ETL)US LISTED 3034181 TYPE CMR SUN  
RES -- TYPE CMR FT-4 TESTED TO 350 MHZ ETL VERIFIED TO TIA/EIA-568-C.2 CAT 5E -- XX/XX/XX  
(MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

(Also printed with sequential footage)

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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