



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
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PART NUMBER: 96263
DESCRIPTION: 24 AWG /4 Pair CMR CATEGORY 5e DATA CABLE
COMPLIANCE:

- ETL Listed Type CMR
- C(ETL) listed CMG FT4
- ETL Verified to TIA/EIA 568-C.2
- Meets or exceeds TIA/EIA 568-C.2

Construction Parameters:

		<u>DIAMETER*</u>
Conductor	24 AWG Solid Bare Copper	0.020
Dielectric	Solid PE	0.036
Assembly	Each pair has different lay length for cross-talk prevention and ripcord added.	
Jacket	PVC	0.200

* = Nominal value

Product Electrical Characteristics:

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max	Specification	Value
1	2.0	65.3	62.5	63.3	60.3	63.8	60.8	20.0	Mutual Capacitance: (nF / 100m) Nominal	4.4
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0	DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0	Delay Skew: (ns / 100m) Max	45
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0	Velocity of Propagation: Non-Plenum (%)	70
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6	Plenum (%)	72
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5	Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1		

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

Legend (Ink Print) CAT5E COLEMAN CABLE 96263 CAT5E 24 AWG 4PR UTP C(ETL)US LISTED 2003548 TYPE CMX-OUTDOOR OR CMR FT-4 TESTED TO 350 MHZ ETL VERIFIED TO TIA/EIA-568-C.2 CAT 5E
(Also printed with sequential footage & date code)

This product complies with European Directive 2002/95/EC (RoHS)
 On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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Customer Name _____

Customer Approval _____

Specification Issue Date: August 17, 2010