



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 89403
DESCRIPTION: 22 AWG /3 Pair Category 3 CMR
COMPLIANCE:

- ETL Listed Type CMR / CMX-Outdoor
- C(ETL) listed CMR FT4
- Complies with TIA/EIA 568-C.2

Construction Parameters:

Conductor	22 AWG Solid Bare Copper	<u>DIAMETER*</u>
Dielectric	PVC	0.025"
Assembly	Each pair has different lay length for cross-talk prevention and ripcord added.	0.042"
Jacket	PVC	0.180"

* = Nominal value

Product Electrical Characteristics:

Max Capacitance (nF/100m @ 1kHz)	Max DC Resistance (Ω/100m @ 20°C)	Max Delay Skew (ns/100m)	Nom Velocity of Propagation (%)	Characteristic Impedance (Ω @ 1-16 MHz)
6.6	9.38	45	66	100 +/- 15

Freq (MHz)	Max Insertion Loss (dB/100m)	Min NEXT Loss (dB)	Min ACR (dB/100m)	Min Structural Return Loss (dB)
1	2.6	41.3	38.7	12
4	5.6	32.3	26.7	12
8	8.5	27.8	19.3	12
10	9.7	26.3	16.6	12
16	13.1	23.2	10.1	10

Pair Colors: W/BL with BL/W, W/OR with OR/W, W/GR with GR/W
Jacket Color: Standard color is Gray

Legend (Ink Print) CAT3 COLEMAN CABLE 89403 22 AWG TYPE CMX OUTDOOR CMR C(ETL)US 2003548 TIA/EIA-568
CAT3 CMG FT4 XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE) CAT3
(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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Customer Name _____

Customer Approval _____

Specification Issue Date: April 15, 2013