



Toll-Free: (800) 323-9355

Wiring The World

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**PRODUCT DATA SHEET**

**PART NUMBER:** 96963

**DESCRIPTION:** 24 AWG /4 Pair DUAL CMR CATEGORY 5e DATA CABLE

**RATING:** ETL DUAL LISTED CMR and C(ETL) LISTED CMG-FT4

**CERTIFICATIONS:** ETL Verified Category 5e

**APPLICATIONS:**

➤ Gigabit Ethernet	➤ T1
➤ 1000 Base T over copper	➤ ISDN
➤ 100 Base T	➤ 622 Mbps ATM
➤ Broad Band Video	➤ 10 BASE T
➤ 155 Mbs ATM	➤ Token Ring
➤ Fast Ethernet	➤ POTS

**Construction Parameters (Same for both legs):**

	<u>INFORMATION</u>	<u>DIAMETER*</u>
Conductors:	Solid Copper	0.020
Dielectric:	Solid PE	0.036
Pair lays:	Each pair has different lay length for cross-talk prevention	-
Ripcord:	Polyester	-
Jacket:	PVC	0.185 x 0.370

**Electrical Properties:**

DC Resistance Max.(ohms/m @ 20° C):	9.38
DC Resistance Unbalance Max.(%):	5
Characteristic Impedance (ohms):	85-115
Velocity of Propagation* (%):	66
Pair-to-Ground Cap. Unbal.	330
Max.(pF/100m):	
Attenuation (Nom. db/100')	100 MHz 21.5 200 MHz 31.1
SRL Minimum (dB)	23
Loss Min. (dB):	23-10log10(F/20)

**Crosstalk**

	100 MHz	200 MHz	350 MHz
NEXT (Nom. db/100m):	46.0	38.5	30.0
PSNEXT (Nom. db/100m):	44.0	37.0	
ELFEXT (Nom. db/100m):	23.8		
PSELFEXT (Nom. db/100m):	32.5	27.5	

**Miscellaneous Information:**

Pair Colors (Both legs): W/BL with BL, W/OR with O, W/GR with GR, W/BR with BR

Jacket Color (Both legs): Blue

Jacket Print (On one leg only): CAT5E COLEMAN CABLE CAT 5E 24 AWG C(ETL)US LISTED 2003548 TYPE CMR FT-4 VERIFIED TO EIA/TIA 568-B.2 CAT 5E TESTED TO 350 MHZ CAT 5E  
*(Also printed with sequential footage, date code and reel #)*

Flame rating: UL-1666 Riser Tray Flame Test

Applicable NEC Article: 800

Applicable TIA/EIA: 568-B.2

Approximate Weight (lb/1000 ft): 40

*The customer will accept all factory lengths and ± 10% of total order requested.*

*The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.*

Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_  
Issued: 08/08/03

Date: \_\_\_\_\_

\* = Nominal value  
By: PEP