



PRODUCT DATA SHEET

1530 Shields Drive
 Waukegan, IL 60185
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

PART NUMBER: 96263
DESCRIPTION: 24 AWG /4 Pair CMR Riser CATEGORY 5e DATA CABLE
RATING: ETL DUAL LISTED CMR, C(ETL) LISTED CMG-FT4
CERTIFICATIONS: ETL Verified Category 5e ETL Verified Category 5e
APPLICATIONS:

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

Construction Parameters:

	<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	0.200

Electrical Properties:

DC Resistance Max.(ohms/m @ 20° C):	9.38	Crosstalk			
DC Resistance Unbalance Max.(%):	5	100 Mhz	200 MHz	350 MHz	
Characteristic Impedance (ohms):	85-115	NEXT (Nom. db/100m):	46.0	38.5	30.0
Velocity of Propagation* (%):	66	PSNEXT (Nom. db/100m):	44.0	37.0	
Pair-to-Ground Cap. Unbal. Max.(pF/100m):	330	ELFEXT (Nom. db/100m):	23.8		
Attenuation (Nom. db/100')	100 MHz 21.5 200 MHz 31.1	PSELFEXT (Nom. db/100m):	32.5	27.5	
SRL Minimum (dB)	23				
Loss Min. (dB):	23-10log10(F/20)				

Miscellaneous Information:

Pair Colors: W/BL with BL, W/OR with O, W/GR with GR, W/BR with BR
 Jacket Color: Typical is Blue or Gray (others available)
 Jacket Print: CAT5E COLEMAN CABLE 96263 CAT 5E 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-B.2 CAT 5E XXXXXX FT MMY (Also printed with sequential footage, date code and reel #)
 Flame rating: UL-1666 Riser Tray Flame Test
 Applicable NEC Article: 800
 Voltage Rating: 300V per NEC Article 800
 Applicable TIA/EIA: 568-B.2
 Approximate Weight (lb/1000 ft): 26

On special orders 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: _____

Date: _____

Issued: 12/13/04

* = Nominal value
 By: HCS