



PRODUCT DATA SHEET

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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 | ➤ 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:

| | <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 | <u>100 Mhz</u> | <u>200 MHz</u> | <u>350 MHz</u> |
| DC Resistance Unbalance Max.(%): | 5 | NEXT (Nom. db/100m): | 46.0 | 38.5 | 30.0 |
| Characteristic Impedance (ohms): | 85-115 | PSNEXT (Nom. db/100m): | 44.0 | 37.0 | |
| Velocity of Propagation* (%): | 66 | ELFEXT (Nom. db/100m): | 23.8 | | |
| Pair-to-Ground Cap. Unbal. Max.(pF/100m): | 330 | PSELFEXT (Nom. db/100m): | 32.5 | 27.5 | |
| Attenuation (Nom. db/100') | 100 MHz 21.5 200 MHz 31.1 | | | | |
| 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