



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 96203  
**DESCRIPTION:** 24 AWG /3Pair RISER CATEGORY 3 DATA CABLE *Com-Lan 3*  
**RATING:** C(UL)US DUAL LISTED CMR and CMG FT4 and CMX-OUTDOOR  
**CERTIFICATIONS:** ETL Classified Category 3

### Construction Parameters:

		<u>DIAMETER*</u>
Conductors:	Solid Copper	0.020
Dielectric:	Solid SRPVC	0.035
Pair lays:	Each pair has different lay length for cross-talk prevention	-
Ripcord:	Polyester	-
Jacket:	PVC	0.150

### Electrical Properties:

DC Resistance Max.(ohms/m @ 20° C):	9.38
DC Resistance Unbalance Max.(%):	5
Characteristic Impedance (ohms): 1-16 MHz	85-115
Pair-to-Ground Cap. Unbal. Max.(pF/100m):	330
Worst-Pair Near-End	772 kHz 43**
Crosstalk Min. (dB):	1.0 MHz 41**
	4.0 MHz 32**
	8.0 MHz 27**
	10.0 MHz 26**
	16.0 MHz 23**

The (\*\*) values are for information only. The min. NEXT coupling loss for any pair combination at room temp. is to be greater than the value determined using the formula  $NEXT(F_{MHz}) \geq NEXT(0.772) - 15 \log_{10}(F_{MHz}/0.772)$  for all freq. In the range of 772 MHz-16 MHz for a min. length of 100 m.

Attenuation Max.(db/100m):	256 kHz 1.3
	512 kHz 1.8
	772 kHz 2.2*
	1.0 MHz 2.6*
	4.0 MHz 5.6*
	8.0 MHz 8.5*
	10.0 MHz 9.7*
	16.0 MHz 13.1*

The asterisk (\*) values are for information only. The maximum loss for any pair at room temp. is to be determined using the formula  $Att(f) \leq 2.32[SQR(f)] + 0.238(f)$

Structural Return	1.0- 10.0 MHz 12
Loss Min. (dB):	16.0 MHz 10**

The (\*\*) values are for information only. The SRL is to be determined using the formula  $SRL_f \geq SRL_{10} - 10 \log_{10}(F/10)$

### Miscellaneous Information:

Pair Colors: W/Bl with Bl/W, W/Or with Or/W, W/Gn with Gn/W  
 Jacket Color: Typical is Gray or Beige (others available)  
 Jacket Print: CAT3 COLEMAN CABLE 96203 E118963T 24 AWG TYPE CMX-OUTDOOR  
 CMR C(UL)US (ETL) VERIFIED TO TIA/EIA-568-B.2 CAT3  
 SEQ FTG FT4 DATA CODE REEL# CAT3  
*(Also printed with sequential footage, date code and reel #)*  
 Flame rating: UL 1666 Vertical Shaft Flame Test  
 Applicable NEC Article: 800  
 Applicable TIA/EIA: 568-A  
 Approximate Weight (lb/1000 ft): 16

This product complies with European Directive 2002/95/EC (RoHS)

On special orders the customer will accept all factory lengths and  $\pm 10\%$  of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control, all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of product (s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman cable disclaims all liability in connection with the use of information contained herein or otherwise.

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

Customer Approval: \_\_\_\_\_

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

Issued: 09/11/06

\* = Nominal value  
 By: PEP

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# Packaging Options

Coleman Cable offers four types of packaging options.

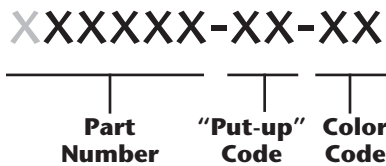
- Signa-Coil
- Reel-in-box
- Pull-out box (Rabbit pull)
- Reels

All provide fast and easy cable access. Kinks and twists are eliminated. You get tangle-free cable delivery each and every time. These durable, compact designs save on installation time while reducing waste and material costs. They can be easily stacked to save room.

\* Not all options are available for each product



## Coleman Cable Part Legend



Put-ups	Code
Reel, 250 ft	04
Reel, 500 ft	05
Reel, 1,000 ft	06
Reel-in-box, 1,000 ft	16
RabbitPull™ Pull-Box, 500 ft	45
RabbitPull™ Pull-Box, 1,000 ft	46
SignaCoil™ 500 ft	55
SignaCoil™ 1,000 ft	56

Colors	Code		Code
White	01	Pink	11
Yellow	02	Purple	13
Orange	03	Clear	18
Red	04	Fluorescent	
Green	05	Pink	21
Blue	06	Ivory	22
Brown	07	Natural	23
Black	08	Beige	33
Gray	09	Red Striped	
		CorraClad™	44

