



PRODUCT DATA SHEET

1530 Shields Drive
 Waukegan, IL 60085
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

PART NUMBER: 96204
DESCRIPTION: 24 AWG /4 Pair RISER CATEGORY 3 DATA CABLE *Com-Lan 3*
RATING: UL DUAL LISTED CMR and C(UL) CMG FT4 and CMX-OUTDOOR
CERTIFICATIONS: UL Classified Category 3
 ETL Verified Category 3

Construction Parameters:

	<u>INFORMATION</u>	<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	0.180

Electrical Properties:

DC Resistance Max.(ohms/m @ 20° C):	9.38	Attenuation Max.(db/100m):	256 kHz	1.3
DC Resistance Unbalance Max.(%):	5		512 kHz	1.8
Characteristic Impedance (ohms): 1-16 MHz	85-115		772 kHz	2.2*
Pair-to-Ground Cap. Unbal. Max.(pF/100m):	330		1.0 MHz	2.6*
			4.0 MHz	5.6*
			8.0 MHz	8.5*
Worst-Pair Near-End	772 kHz	43**	10.0 MHz	9.7*
Crosstalk Min. (dB):	1.0 MHz	41**	16.0 MHz	13.1*
	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.		The asterisk (*) vlues 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, W/Br with Br/W
 Jacket Color: Typical is Gray or Beige (others available)
 Jacket Print: CAT3 COLEMAN CABLE E118963T 24 AWG TYPE CMR VERIFIED (UL)
 CAT3 CMX-OUTDOOR C(UL) FT4 (ETL) VERIFIED TO CAT3
 CAT3 CAT3
(Also printed with sequential footage, date code and reel #)
 Flame rating: UL-1666 Vertical Shaft Flame Test
 Applicable NEC Article: 800
 Voltage Rating: 300V Per NEC Article 800
 Applicable TIA/EIA: 568-A
 Approximate Weight (lb/1000 ft): 18

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: 12/22/05

* = Nominal value
 By: PEP

© 2005 Coleman Cable, Inc.