PRODUCT DATA SHEET

Controlled Document – Engineering

PART NUMBER: 96204

DESCRIPTION: 24 AWG /4 Pair RISER CATEGORY 3   DATA CABLE *Com-Lan 3*

RATING: C(ETL)US DUAL LISTED CMR and CMG FT4 and CMX-OUTDOOR

Construction Parameters:

	INFORMATION	DIAMETER*
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
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 (*) 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 96204 24 AWG TYPE CMX OUTDOOR CMR C(ETL)US 2003548 TIA/EIA-568 CAT3 SEQ FTG CMG FT4 DATE CODE REEL# 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

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

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

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Company Name: _____

Customer Approval: _____   Date: _____

Issued: 09/17/09

* = Nominal value
By: PEP