



PRODUCT DATA SHEET

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PART NUMBER: 97272
DESCRIPTION: 23 AWG /4 Pair Riser CATEGORY 6 DATA CABLE
COMPLIANCE:

- ETL Listed Type CMR or CMX OUTDOOR to UL Standard 444
- C(UL) listed CMG FT4
- ETL Verified to TIA/EIA 568C.2-1
- Meets or exceeds TIA/EIA 568C.2-1

APPLICATION: Utilizes a small round filler design providing a smaller diameter and greater flexibility for easier handling.
 Lead free jacket.

Construction Parameters:

Conductor	23 AWG Solid Bare Copper	<u>DIAMETER*</u>
Dielectric	Solid FRPE	0.023
Assembly	Each pair has different lay length for cross-talk prevention and ripcord added.	0.042
Jacket	PVC	0.207

* = Nominal value

Product Electrical Characteristics:

Freq (MHZ)	Attn. (dB/100m) Max	Next Loss (dB) Min	PSNEXT Loss (dB) Min	ACR (Db@100m) Min	PSACR (dB@100m) Min	ELFEXT (dB@100m) Min	PS-ELFEXT (dB@100m) Min	Ret. Loss (dB)	
1	2	74.3	72.3	72.3	70.3	67.8	64.8	20.0	Mutual Capacitance (nf / 100m) Nominal
10	6	59.3	57.3	53.3	51.3	47.8	44.8	25.0	4.4
16	7.6	56.2	54.2	48.6	46.6	43.7	40.7	25.0	DC Resistance (Ohms / 100 m) Maximum
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0	8.9
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6	Delay Skew (ns / 100 m) Maximum
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5	25
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1	Velocity of Prop. (1%):
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0	70
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3	Input Impedance (Ohms @ 1-100 Mhz)
350	40.0	36.2	34.2	-----	-----	16.9	13.9	16.3	100+/-15
400	43.2	35.3	33.3	-----	-----	15.7	12.7	15.9	100+/-32

Pair Colors: W/BL with BL, W/OR with O, W/GR with GR, W/BR with BR
Jacket Color: Standard colors are Blue and Gray

Legend (Ink Print) CAT6 COLEMAN CABLE 97272 CAT6 23 AWG 4PR UTP C(ETL)US LISTED 2003548 TYPE CMX-OUTDOOR OR CMR FT4 ETL VERIFIED TO TIA/EIA-568-C.2 CATEGORY 6
(Also printed with sequential footage & date code)

This product complies with European Directive 2002/95/EC (RoHS)
 On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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Customer Name _____

Customer Approval _____

Specification Issue Date: August 13, 2010