



# 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	4.4
10	6	59.3	57.3	53.3	51.3	47.8	44.8	25.0	DC Resistance (Ohms / 100 m) Maximum	8.9
16	7.6	56.2	54.2	48.6	46.6	43.7	40.7	25.0	Delay Skew (ns / 100 m) Maximum	25
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0	Velocity of Prop. (1%):	70
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6	Input Impedance (Ohms @ 1-100 Mhz) (Ohms @ 100-500 Mhz)	100+/-15 100+/-32
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5		
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1		
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0		
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3		
350	40.0	36.2	34.2	-----	-----	16.9	13.9	16.3		
400	43.2	35.3	33.3	-----	-----	15.7	12.7	15.9		

**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