



# PRODUCT DATA SHEET

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

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

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

### Construction Parameters:

		<u>DIAMETER*</u>
Conductor	23 AWG Solid Bare Copper	0.023
Dielectric	Solid FRPE	0.042
Assembly	Each pair has different lay length for cross-talk prevention and ripcord added.	
Jacket	PVC	0.230

\* = 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. (%):	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)** COLEMAN CABLE CATEGORY 6 23 AWG TYPE CMR/MPR FT-4 C(ETL)US LISTED 3034181 ETL  
 VERIFIED TO TIA/EIA-568-B.2-1 CATEGORY 6  
*(Also printed with sequential footage & date code)*

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: November 3, 2005