



PRODUCT DATA SHEET

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

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

- UL Listed Type CMR to UL Standard 444
- 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:

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	0.230

* = 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: March 31, 2008

Packaging Options

Coleman Cable offers four types of packaging options.

- Signa-Coil
- Reel-in-box
- Pull-out box (Rabbit pull)
- Reels

All provide fast and easy cable access. Kinks and twists are eliminated. You get tangle-free cable delivery each and every time. These durable, compact designs save on installation time while reducing waste and material costs. They can be easily stacked to save room.

* Not all options are available for each product



Coleman Cable Part Legend

XXXXXX-XX-XX



Put-ups

Put-ups	Code
Reel, 250 ft	04
Reel, 500 ft	05
Reel, 1,000 ft	06
Reel-in-box, 1,000 ft	16
RabbitPull™ Pull-Box, 500 ft	45
RabbitPull™ Pull-Box, 1,000 ft	46
SignaCoil™ 500 ft	55
SignaCoil™ 1,000 ft	56

Colors

Colors	Code	Colors	Code
White	01	Pink	11
Yellow	02	Purple	13
Orange	03	Clear	18
Red	04	Fluorescent	21
Green	05	Pink	21
Blue	06	Ivory	22
Brown	07	Natural	23
Black	08	Beige	33
Gray	09	Red Striped	44
		CorraClad™	44

