

CAT6A AUGMENTED CABLE RISER RATED (CMR)

064-400 & 064-600 SERIES

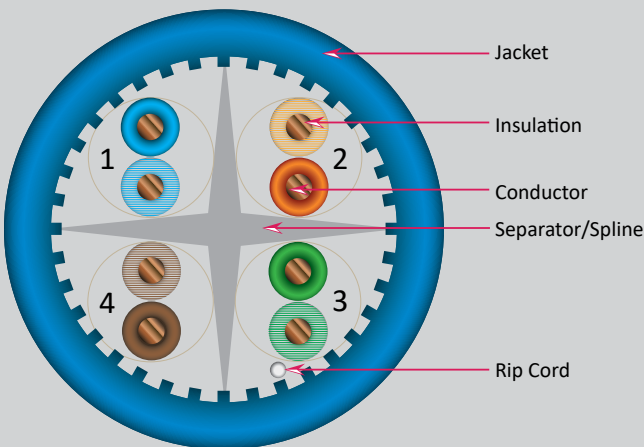


DESCRIPTION

**CAT6A UTP CMR (Riser-Rated)
23 AWG Solid Bare Copper**

FEATURES

- 23 AWG Bare Copper Conductors
- Unshielded Twisted-Pair (UTP) Construction
- Riser Fire Safety Rating (CMR)
- Easy-to-See Vivid-Color Conductor Insulation & Jacket
- Exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 Transmission Performance Specifications
- Suitable for 10 Gb High-Speed Applications
- ETL-Listed, RoHS-Compliant
- Designed in the USA, Imported Product
- Packaging: Wooden Spool, 1000 ft
- Weight: 39 lb



Conductors	Count:	8 conductors / 4 pairs
	Gauge:	23 AWG
	Diameter:	0.022 in. (0.57 mm \pm 0.01 mm)
	Material:	Solid bare copper
	DC resistance:	\leq 75.6 Ohm/km
	DC resistance unbalance:	\leq 5 %
Conductor Insulation	Diameter:	0.04 in. (1.05 mm \pm 0.05 mm)
	Thickness, nominal:	0.01 in. (0.23 mm)
	Material:	HDPE (high-density polyethylene)
	Colors:	1: Blue 2: White-blue 3: Orange 4: White-orange 5: Green 6: White-Green 7: Brown 8: White-brown
Twisted pairs	Pair bundle twist pitch:	3.7 in. (95 mm \pm 10 mm)
	Pair bundle OD	0.21 in. (5.3 mm \pm 0.3 mm)
	Colors:	1: Blue/White-blue 2: Orange/White-orange 3: Green/White-Green 4: Brown/White-brown
	Delay skew:	\leq 45 ns/100 m
	NVP:	69 %
	Characteristic impedance:	100 Ohm \pm 15 Ohm (1–100 MHz)
		100 Ohm \pm 22 Ohm (100–250 MHz)
		100 Ohm \pm 25 Ohm (250–500 MHz)
Cable jacket	Outside diameter:	0.29 in. (7.4 mm \pm 0.3 mm)
	Thickness, nominal:	0.02 in. (0.55 mm)
	Point thickness, minimum:	0.0196 in. (0.50 mm)
	Material:	PVC (polyvinylchloride)
	Colors:	Check Availability
Pair separator:	Cross-type	
Rip-cord:	Yarn	
Jacket print:	VERTICAL 4002107 cETLus VERIFIED CMR FT4 UTP 4PR 23AWG 10GS AUGMENTED CAT6A ANSI/TIA-568.2-D RoHS	
Operating temperature:	-20 °C–70 °C	
Compliance:	RoHS	

VERTICAL CABLE
951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



www.verticalcable.com
Rev. 3/2024

Specs subject to change without notice.
It is the sole responsibility of the user to have the most current specs.

CAT6A AUGMENTED CABLE RISER RATED (CMR) with ridges

PERFORMANCE

Voltage Rating
Product Standard Certification
Flammability Test

30 V
CMR

Permanent link transmission performance (at 20 ° C)

Frequency MHz	Attenuation (dB/100m) Max	RL (dB) Min	ACRF (dB) Min	PSACRF (dB) Min	NEXT loss (dB) Min	PS-NEXT (dB) Min
1.0	1.9	19..1	64.2	61.2	65.0	62.0
4.0	3.5	21.0	52.1	49.1	64.1	61.8
8.0	5.0	21.0	46.1	43.1	59.4	57.0
10.0	5.5	21.0	44.2	41.2	57.8	55.5
16.0	7.0	20.0	40.1	37.1	54.6	52.2
20.0	7.8	19.5	38.2	35.2	53.1	50.7
25.0	8.8	19.0	36.2	33.2	51.5	49.1
31.25	9.8	18.5	34.3	31.3	50.0	47.5
62.5	14.0	16.0	28.3	25.3	45.1	42.7
100.0	18.0	14.0	24.2	21.2	41.8	39.3
200.0	26.1	11.0	18.2	15.2	36.9	34.3
250.0	29.5	10.0	16.2	13.2	35.3	32.7
300.0	32.7	9.2	14.6	11.6	34.0	31.4
400.0	38.4	8.0	12.1	9.1	29.9	27.1
500.0	43.8	8.0	10.2	7.2	26.7	23.8

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