



CAT6A CMR CABLE

UTP (UNSHIELDED) | RISER-RATED

064-400s & 064-600s SERIES

DESCRIPTION

CAT6A UTP CMR (Riser-Rated) 23 AWG
Solid Bare Copper, Wooden Spool, 1000 ft

FEATURES

- Unshielded Twisted Pair (UTP) Construction
- 23 AWG Solid Bare Copper Conductors
- High-Performance Data Cable
- Meets or exceeds ANSI/TIA-568-2.D
- Supports PoE (Type 4) IEEE 802.3bt (up to 100W)
- ETL-Listed, RoHS Compliant
- Supplied in 1000 ft. Wooden Spool
- Weight: 42 lbs (19.05 kg)

Compatible with VC RJ45 plugs

012-021-100 | 012-025/EZF-100
012-026/EZF-100



PART NUMBERS			
064-484/A/BK	● (Black)	064-691/A/PR	● (Purple)
064-485/A/BL	● (Blue)	064-692/A/RD	● (Red)
064-687/A/GR	● (Green)	064-486/A/WH	○ (White)
064-689/A/OR	● (Orange)	064-693/A/YL	● (Yellow)

CONDUCTORS

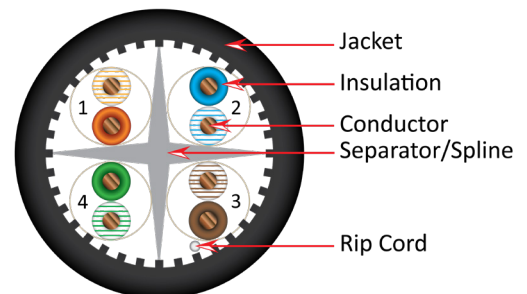
Count: 8 Conductors / 4 Pair
Gauge: 23 AWG
Diameter: 0.022 in. (0.56 mm)
Material: Solid Bare Copper

INSULATION

Outside Diameter: 0.04 in. (1.01 mm)
Average Thickness: 0.01 in. (0.21 mm)
Material: HDPE (high-density polyethylene)
Color Coding: Pair 1: Blue/White-Blue Pair 2: Orange/White-Orange
Pair 3: Green/White-Green Pair 4: Brown/White-Brown

JACKET

Outer Diameter: 0.29 in (7.4 mm)
Average Thickness: 0.02 in (0.55 mm)
Min. Point Thickness: 0.0196 in. (0.50 mm)
Marking: VERTICAL 4002107 cETLus VERIFIED CMR FT4 UTP 4PR 23AWG 10GS AUGMENTED CAT6A ANSI/TIA-568.2-D RoHS



Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

verticalcable.com

This specification sheet is subject to change without notice.



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Rev. 06/2026

ELECTRICAL CHARACTERISTICS

Characteristic Impedance:	1.0-100 MHz Impedance, 100±15%
	101-250 MHz Impedance, 100±22%
	251-500 MHz Impedance, 100±25%
Delay Skew:	≤45 ns/100 m
NVP:	69%
Operating Temperature:	-20°C ~ +75°C
Installation Temperature:	0°C ~ +60°C
Voltage Rating:	300

COMPLIANCE

Voltage Rating:	30 V _{RMS}
Production Standard Certification:	CMR

Frequency (Mhz)	Insertion Loss (dB/100m)	NEXT (dB/100m)	PSNEXT (dB/100m)	ACRF (dB/100m)	PSACRF (dB/100m)	ReturnLoss (dB/100m)	Delay (ns/100m)
1	1.9	65.0	62.0	64.2	61.2	19.1	521
4	3.5	64.1	61.8	52.1	49.1	21.0	504
8	5.0	59.4	57.0	46.1	43.1	21.0	500
10	5.5	57.8	55.5	44.2	41.2	21.0	498
16	7.0	54.6	52.2	40.1	37.1	20.0	496
20	7.8	53.1	50.7	38.2	35.2	19.5	495
25	8.8	51.5	49.1	36.2	33.2	19.0	495
31.25	9.8	50.0	47.5	34.3	31.3	18.5	494
62.5	14.0	45.1	42.7	28.3	25.3	16.0	492
100	18.0	41.8	39.3	24.2	21.2	14.0	491
200	26.1	36.9	34.3	18.2	15.2	11.0	490
250	29.5	35.3	32.7	16.2	13.2	10.0	490
300	32.7	34.0	31.4	14.6	11.6	9.2	490
400	38.4	29.9	27.1	12.1	9.1	8.0	490
500	43.8	26.7	23.8	10.2	7.2	8.0	490
600	48.7	24.0	21.0	8.6	5.6	8.0	489
700	53.4	21.8	18.7	7.3	4.3	8.0	489
750	55.7	20.8	17.7	6.7	3.7	8.0	489

*Data following 500 MHz is for information purposes only.

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