



VERTICAL CABLE

CAT6 CMR CABLE

F/UTP (SHIELDED)

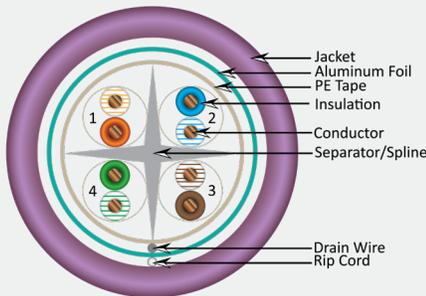
062 SERIES

DESCRIPTION

CAT6, 23 AWG, F/UTP, 8C Solid Copper, 550 MHz, Riser-Rated, PVC Jacket 1000 ft.

FEATURES

- Overall Foil-Shielded Twisted-Pair (F/UTP) Construction
- Riser Fire Safety Rating (CMR)
- 23 AWG Bare Copper Conductors
- Easy-to-See Vivid-Color Conductor Insulation & Jacket
- Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 Transmission Performance Specifications
- Supports PoE++ (Type 3) IEEE 802.3bt
- ETL Listed, RoHS Compliant
- Designed in the USA, Imported Product
- Weight: 40 lbs



PART NUMBERS			
062-503/S/BK	● (Black)	062-502/S/PR	● (Purple)
062-504/S/BL	● (Blue)	062-508/S/RD	● (Red)
062-505/S/GR	● (Green)	062-509/S/WH	○ (White)
062-506/S/GY	● (Grey)	062-510/S/YL	● (Yellow)
062-507/S/OR	● (Orange)		

TECHNICAL DATA

Rated Temperature: 75°C
 Product Standard
 Certification: CMR
 NVP: 70%

CONDUCTORS

Solid Bare Copper
 Size: 23 AWG
 Voltage Rating: 60 V

INSULATION

HDPE
 Average Thickness: 0.011 in. (0.29 mm)
 Insulation Diameter: 0.045 in. (1.15 mm)
 Voltage Rating: LDPE

Bond: PE Tape
 Shield: AL-Foil

Drain Wire (TC): 0.02 in. (0.5 mm)

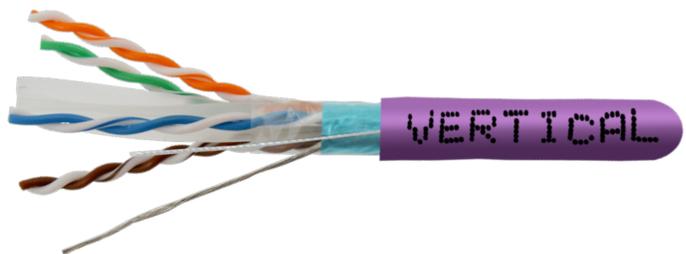
JACKET

PVC
 Average Thickness: 0.025 in (0.64 mm)
 Outer Diameter: 0.29 in (7.6 mm)

Ripcord: Yes
 Color Coding:

Marking:

Pair 1: Blue/White-Blue Pair 2: Orange/White-Orange
 Pair 3: Green/White-Green Pair 4: Brown/White-Brown
 VERTICAL 4001453 c(ETL) VERIFIED CMR FT4
 STP SHIELDED 4PR 23AWG CAT6 550MHz
 ANSI/TIA-568.2-D ISO/IEC 11801:2002 RoHS XXXFT



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.



RoHS



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Rev. 03/2026

ELECTRICAL CHARACTERISTICS

1.0-100 MHz Impedance (Ω): 100±15
 100-200 MHz Impedance (Ω): 100±20
 200-550 MHz Impedance (Ω): 100±25

1-550 MHz Delay Skew (ns/100m): ≤45
 Pair-to-Ground Capacitance Unbalance (pF/100m): ≤330
 Max. Conductor DC Resistance 20°C (Ω /km): ≤9.38
 Resistance Unbalance (%): ≤4

MECHANICAL

Test Object: Jacket
 Test Material: PVC

BEFORE AGING

Tensile Strength (MPa): ≥10.34
 Aging Elongation (%): ≥100
 Aging Condition (°Cxhrs): 100x168

AFTER AGING

Tensile Strength (MPa): ≥7.21
 Aging Elongation (%): ≥45%
 Cold Bend (-20±2° Cx4hrs): No Crack

Frequency (Mhz)	Return Loss (Min dB)	Attenuation (Max dB/100)	Next (ns/100m)	PSNEXT (Min dB)	ELFEXT (Min dB/100m)	Delay (Max ns/100m)
0.772	19.4	1.8	76.0	74.0	70.0	-----
1	20.0	2.0	74.3	72.3	67.8	570.0
4	23.0	3.8	65.3	63.3	55.8	552.0
8	24.5	5.3	60.8	58.8	49.7	546.0
10	25.0	6.0	59.3	57.3	47.8	545.0
16	25.0	7.6	56.2	54.3	43.7	543.0
20	25.0	8.5	54.8	52.8	41.8	542.0
25	24.3	9.5	53.3	51.3	39.8	541.0
31.25	23.6	10.7	51.9	49.9	37.9	540.0
62.5	21.5	15.4	47.4	45.4	31.9	538.0
100	20.1	19.8	44.3	42.3	27.8	537.0
200	18.0	29.0	39.8	37.8	21.8	536.0
250	17.3	32.8	38.3	36.3	19.8	536.0
350	16.3	39.8	36.1	34.1	17.1	535.0
450	15.5	46.0	34.5	32.5	15.2	534.0
550	14.9	51.7	33.2	31.2	13.2	532.0

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