



VERTICAL CABLE

CAT6 CMR CABLE

F/UTP (SHIELDED) | RISER-RATED

062 SERIES

DESCRIPTION

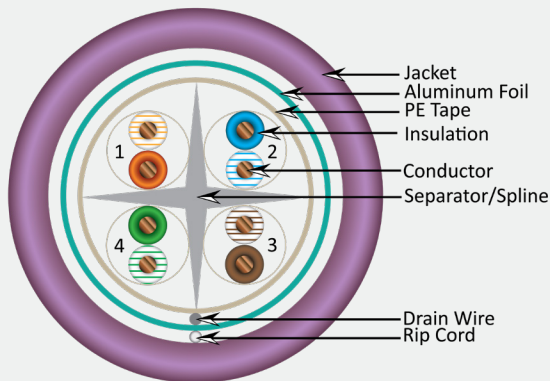
CAT6 PoE Type 3, 23 AWG, F/UTP, 8C Solid Copper, 550 MHz, Riser-Rated, PVC Jacket 1000 ft.

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. (18.14 kg)

Compatible with VC RJ45 plugs

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



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)		

CONDUCTORS

Size: Solid Bare Copper
 23 AWG
 Voltage Rating: 60 V_{RMS}

INSULATION

PE
 Average Thickness: 0.01 in. (0.25 mm)
 Insulation Diameter: 0.04 in. (1.1 mm ±0.05)
 Min. Thickness: 0.08 in. (0.20 mm)
 Filler: PE Cross
 Wrapping Tape: PET
 Voltage Rating: 300 V_{RMS}
 Color Coding: Pair 1: Blue/White-Blue Pair 2: Orange/White-Orange
 Pair 3: Green/White-Green Pair 4: Brown/White-Brown

JACKET

PVC
 Average Thickness: 0.02 in. (0.60 mm)
 Diameter: 0.28 in. (7.2 mm ±0.3)
 Min. Thickness: 0.02 in. (0.50 mm)
 Shield: AL/PET
 Drain Wire (TC): 0.02 in. (0.4 mm ±0.01)
 Ripcord: Yes
 Marking: VERTICAL 5024318 c(ETL)us VERIFIED
 CMR FT4 F/UTP 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



Intertek

Rev. 04/2026

ELECTRICAL CHARACTERISTICS

Character Impedance (Ohm):	100±15
Rated Temperature:	70°C
Operational Temperature:	-20°C~+70°C
1-550 MHz Delay Skew (ns/100m):	≤45
Pair-to-Ground Capacitance Unbalance (pF/100m):	≤330
Max. Conductor DC Resistance 20°C:	≤93.8Ω/km
Resistance Unbalance (%):	≤4
Voltage Rating:	60 V _{RMS}
Standard Certification:	CMR
NVP:	70%

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)	Insertion Loss (dB)	NEXT (dB)	PSNEXT (dB)	ACRF (dB)	PSACRF (dB)	Return Loss (dB)	Delay (ns)
1	1.9	65.0	62.0	64.2	61.2	19.1	521.0
4	3.5	64.1	61.8	52.1	49.1	21.0	504.0
8	5.0	59.4	57.0	46.1	43.1	21.0	500.0
10	5.5	57.8	55.5	44.2	41.2	21.0	498.0
16	7.0	54.6	52.5	40.1	37.1	20.0	496.0
20	7.9	53.1	50.7	38.2	35.2	19.5	495.0
25	8.9	51.5	49.1	36.2	33.2	19.0	495.0
31.25	10.0	50.0	47.5	34.3	31.3	18.5	494.0
62.5	14.4	45.1	42.7	28.3	25.3	16.0	492.0
100	18.6	41.8	39.3	24.2	21.2	14.0	491.0
200	27.4	36.9	34.3	18.2	15.2	11.0	490.0
250	31.1	35.3	32.7	16.2	13.2	10.0	490.0
350	37.9	32.9	30.3	13.3	10.3	8.6	490.0
450	44.1	31.1	28.4	11.1	8.1	7.5	490.0
550	49.9	29.7	26.9	9.4	6.4	6.6	490.0

*Data following 250 MHz is for information purposes only.

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