VERTICAL CABLE

CAT6 CMR RISER CABLE

UTP | 550 MHZ | ETL-LISTED

060 SERIES

DESCRIPTION

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

FEATURES

- Unshielded Twisted-Pair (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 Transmission Performance Specifications
- Easily Identified Color-Striped Pairs
- Supports PoE (Type 4) IEEE 802.3bt (51W)
- ETL Listed, RoHS Compliant
- Designed in the USA, Imported Product
- 1000 ft. Pull Box
- Weight: 26 lb. (11.79 kg)



PART NUMBERS			
060-487/BK	(Black)	060-495/PK	(Pink)
060-488/BL	(Blue)	060-491/PR	(Purple)
060-489/GR	(Green)	060-492/RD	(Red)
060-490/GY	(Grey)	060-493/WH	(White)
060-2395/OR	(Orange)	060-494/YL	(Yellow)

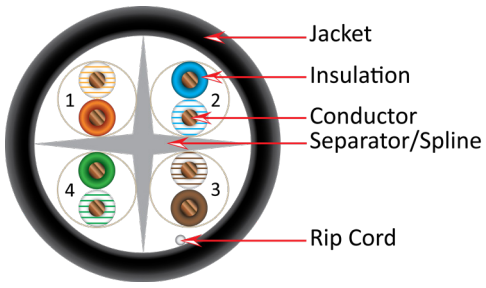
CONDUCTOR
Solid Bare Copper
Size: 23 AWG

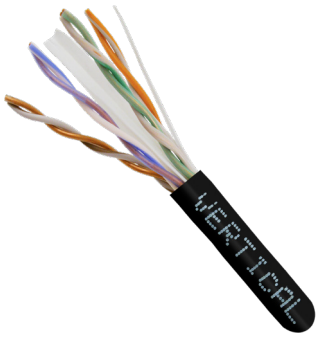
INSULATION
PE
Average Thickness: 0.009 in. (0.22 mm)
Min. Point Thickness: 0.007 in. (0.19 mm)
Insulation Diameter: 0.04 in. (1.01 mm 0.005)
Twisted Pair Diameter: 0.08 in. (2.02 mm ±0.01)

SEPARATOR
PP

ASSEMBLY DIAMETER
0.2 in. (5.00 mm)

JACKET
PVC
Average Thickness: 0.024 in. (0.60 mm)
Min. Point Thickness: 0.02 in. (0.50 mm)
Outer Diameter: 0.24 in. (6.20 mm ±0.1)
Rip Cord: Yes
Color Coding: Pair 1: Blue/White-Blue Pair 2: Orange/White-Orange Pair 3: Green/White-Green Pair 4: Brown/White-Brown
Marking: E502490 ETL CMR 75C UTP 4PR 23AWG FT4 550MHz CAT6 ANSI/TIA-568.2-D RoHS XXXXFT





Florida (HQ) 800-749-2447
California 951-696-7772
New York 845-391-8318
Texas 713-322-7242

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HDBT™

RoHS

Intertek

This specification sheet is subject to change without notice.

Rev. 02/2026

ELECTRICAL CHARACTERISTICS

1.0-100MHz Impedance (Ohms):	100±15
100-250MHz Impedance (Ohms):	100±25
250-550MHz Impedance (Ohms):	100±35
1.0-250MHz Delay Skew (ns/100m):	<=45
Pair-to-Ground Capacitance Unbalance (pF/100m):	<=330
Max. Conductor DC Resistance 20°C (ohms/km):	95
Resistance Unbalance (%):	<=5

MECHANICAL

Test Object:	Jacket
Test Material:	PVC
BEFORE AGING	
Tensile Strength (MPa):	≥13.8 MPa
Aging Elongation (%):	≥100
Aging Condition (°Cxhrs):	100x168
AFTER AGING	
Tensile Strength (MPa):	≥85% of unaged
Aging Elongation (%):	≥50% of unaged
Cold Bend (-20±2° Cx4hrs):	No Crack

TECHNICAL DATA

Temperature Rating:	70 °C
Voltage Rating:	300 V
Product Standard Certification:	CMR
NVP:	69%

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	----------
450	15.5	46.0	34.5	32.5	15.2	----------
550	14.9	51.7	33.2	31.2	13.2	----------