



VERTICAL CABLE

# CAT6 CMR RISER CABLE

UTP | 550 MHZ | NO SPLINE

## 060-SL SERIES

### DESCRIPTION

**CAT6, 23 AWG, UTP, ETL-Listed, 8C Solid Copper, 550 MHz, Riser Rated, PVC Jacket - No Spline, 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: 25 lb. (11.34 kg)

PART NUMBERS		
060-550/SL/BK	● (Black)	060-566/SL/WH ○ (White)
060-552/SL/BL	● (Blue)	060-568/SL/YL ● (Yellow)
060-554/SL/GR	● (Green)	

#### CONDUCTOR

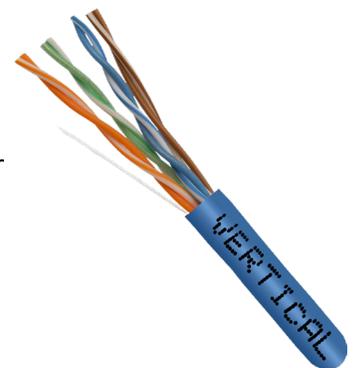
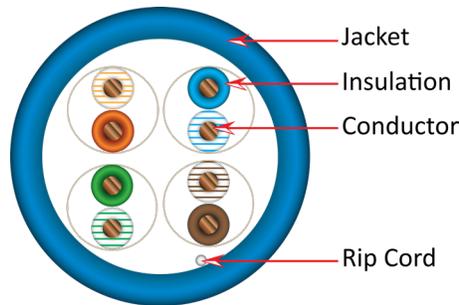
Solid Bare Copper  
 Size: 23 AWG  
 Outer Diameter: 0.02 in. (0.55 mm ±0.01)

#### INSULATION

HDPE  
 Average Thickness: 0.008 in. (0.20 mm)  
 Insulation Diameter: 0.039 in. (0.99 mm ±0.05)  
 Twisted Pair Diameter: 0.08 in. (2.02 mm ±0.01)

#### JACKET

PVC  
 Average Thickness: 0.02 in. (0.50 mm)  
 Outer Diameter: 0.22 in. (5.5 mm ±0.3)  
 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: VERTICAL CABLE 5024318 c(ETL)us CMR 75C UTP 4PR 23AWG FT4 550MHz CAT6 ANSI/TIA-568.2-D RoHSV2094P14517 XXXXFT



Florida (HQ)  
800-749-2447

California  
951-696-7772

New York  
845-391-8318

Texas  
713-322-7242

[verticalcable.com](http://verticalcable.com)

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RoHS



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Rev. 02/2026

## ELECTRICAL CHARACTERISTICS

Character Impedance (Ohms):	100±15
Delay Skew (ns/100m):	≤45
Pair-to-Ground Capacitance Unbalance (pF/100m):	≤330
Conductor DC Resistance 20°C (ohms/km):	93.8 Ω/km
Resistance Unbalance (%):	≤5

## MECHANICAL

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

## TECHNICAL DATA

Temperature Rating:	-20 °C to 75 °C
Voltage Rating:	300 V
Product Standard Certification:	CMR
NVP:	69%

Frequency (Mhz)	Insertion Loss (dB)	Next (dB)	PSNext (dB)	ACRF (dB)	PSACRF (dB)	Return Loss (dB)	Delay (ns)
1.00	1.9	65.0	62.0	64.2	61.2	19.1	521.0
4.00	3.5	64.1	61.8	52.1	49.1	21.0	504.0
8.00	5.5	59.4	57.0	46.1	43.1	21.0	500.0
10.00	5.5	57.8	55.5	44.2	41.2	21.0	498.0
16.00	7.0	54.8	52.5	40.1	37.1	20.0	496.0
20.00	7.9	53.1	50.7	38.2	35.2	19.5	495.0
25.00	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
62.50	14.4	45.1	42.7	28.3	25.3	16.0	492.0
100.00	18.6	41.8	39.3	24.2	21.2	14.0	491.0
200.00	27.4	36.9	34.3	18.2	15.2	11.0	490.0
250.00	31.1	35.3	32.7	16.2	13.2	10.0	490.0

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