

CAT6 HIGH GRADE CABLE

F/UTP PLENUM (OVERALL SHIELDED)

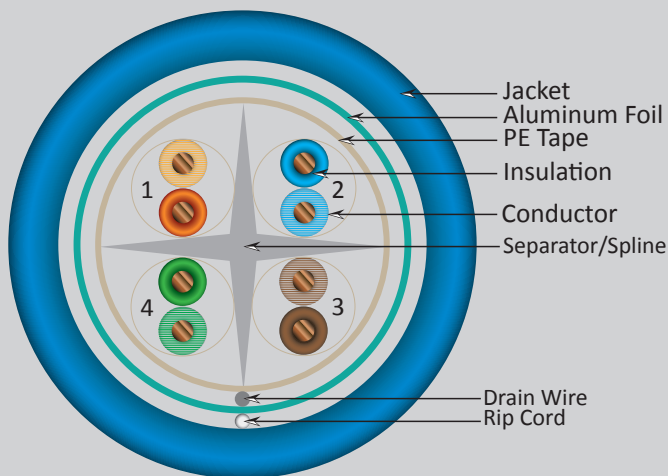


DESCRIPTION

Category-6, 23AWG, Overall Shielded (F/UTP), 8C Solid Bare Copper, 550MHz, Plenum Rated, 1000 FT - **TAA-COMPLIANT**

FEATURES

- High-Performance Category-6 Data Cable
- 23AWG Solid Bare Copper Conductors
- Overall Shielded (F/UTP)
- 550MHz Bandwidth for Data Applications
- Exceeds ANSI/TIA 568-C.2
- UL Listed, RoHS Compliant
- 1000ft Wooden Spool



SKU: 168 SERIES

Technical Data

Product Standard Certification

CMP

Conductor

Solid Bare Copper

Size

23 AWG

Construction

Tape

PE Tape

Drain Wire

Solid Tin Copper

Shield (100% Coverage)

AL/Poly Tape

Divider (Pair Separator)

Yes

Ripcord

Yes

Jacket

Plenum PVC

Outer Diameter

0.268 in. (6.8mm)

Color of Pairs

Pair 1

Brown,White-Brown

Pair 2

Blue,White-Blue

Pair 3

Orange,White-Orange

Pair 4

Green,White-Green

Mechanical Characteristics

Rated Temperature (°C)

-20°C to 80°C

Voltage

30V

Capacitance

5.6nF/100m Nominal

Velocity of Propagation (VPN)

65 %

Max. Conductor D.C.R.

9.38Ω/100m Nominal

Max. D.C.R. Unbalance

5%

Characteristic Impedance

1 MHz - 100 MHz 100±15%

101 MHz - 250 MHz 100±22%

251 MHz - 500 MHz 100±25%

Ratings

NEC Article 800, UL 444 Type CMP Rating FT6, ETL verified to ANSI/TIA 568C.2 Category 6, C (ETL)US, RoHS Compliant.

Marking on Jacket

4PR 23AWG SOLID CAT6 550MHZ SHIELDED 75C CMP E328429 (UL) C(UL) ANSI/TIA 568C.2 RoHS COMPLIANT XXXXFT

Jacket available in Blue, Gray, White, Yellow, Black, Green
Additional colors available as special order

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York



www.verticalcable.com

Rev. 08/2017

Specs subject to change without notice.

It is the sole responsibility of the user to have the most current specs.

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PERFORMANCE

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	ACRF (dB/)	PS.NEXT (dB)	PS.ACRF (dB)	RL (dB)	Delay (ns/100m)	Skew (ns/100m)
1	1.9	65.0	64.2	62.0	61.2	19.1	521	44
4	3.5	64.1	52.1	61.8	49.1	21.0	504	
8	5.0	59.4	46.1	57.0	43.1	21.0	500	
10	5.5	57.8	44.2	55.5	41.2	21.0	498	
16	7.0	54.6	40.1	52.2	37.1	20.0	496	
20	7.9	53.1	38.2	50.7	35.2	19.5	495	
25	8.9	51.5	36.2	49.1	33.2	19.0	495	
31.25	10.0	50.0	34.3	47.5	31.3	18.5	494	
62.5	14.4	45.1	28.3	42.7	25.3	16.0	492	
100	18.6	41.8	24.2	39.3	21.2	14.0	491	
200	27.4	36.9	18.2	34.3	15.2	11.0	490	
250	31.1	35.3	16.2	32.7	13.2	10.0	490	
300	34.6	34.0	14.6	31.4	11.6	9.2	490	
400	41.1	32.0	12.1	29.3	9.1	8.0	490	
500	47.1	30.4	10.2	27.6	7.2	8.0	490	

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