

CAT6 AUGMENTED CABLE UTP PLENUM (CMP)

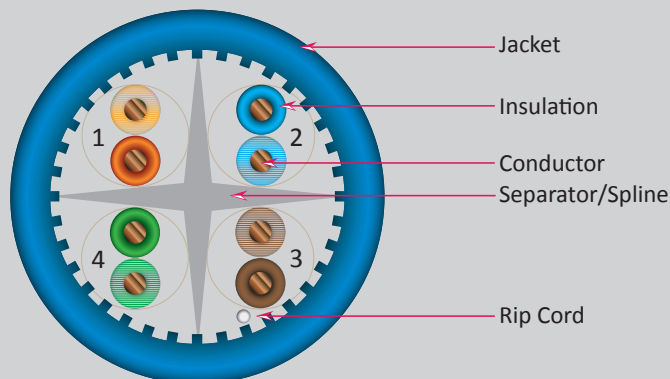


DESCRIPTION

Category-6A (Augmented) UTP, 23AWG
Solid-Bare Copper. Plenum rated. (CMP)

FEATURES

- Category-6A (Augmented) (UTP) Cable
- 23AWG Solid Bare Copper Conductors
- High-Performance Data Cable
- Suitable for 10GS High-Speed Applications
- For Plenum Spaces (CMP rated)
- Exceeds ANSI TIA/EIA 568C.2
- ETL Listed, RoHS Compliant
- Made in USA
- Supplied in 1000' Wooden Spool



SKU: 065-SERIES

Technical Data

Rated Temperature	-2°C to 60°C
Rated Voltage	30v
Product Standard Certification	CMP (Plenum)
NVP	72%

Conductor

Size	23 AWG
Separator	Yes

Jacket (Low-Smoke Flame Retardant Plenum Polymer)

Outer Diameter (±0.10)	8.38 mm
Rip Cord	Yes

Color of Pairs

Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair 3	Green, White-Green
Pair 4	Brown, White-Brown

Product Certifications

NEC Article 800, ANSI/TIA/EIA 568C.2 Category 6A,
11801:2002 Category 6A, UL 910: CMP Rating, RoHS Compliant

Supports all CAT6A applications including:

Ethernet 10 Gigabit, 100BASETX, 100BaseVG ANYLAN, 155ATM,
622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital
Audio, AES51, RS-422

Marking on Jacket

3122598 CAT6A (AUGMENTED) 10GIG 4PR 23AWG c(ETL)us CMP
FT6 XXXFT (FOOT MARKER EVERY 2 FT)



VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York

www.verticalcable.com

Rev. 04/2016

Specs subject to change without notice.

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

CAT6 AUGMENTED CABLE

UTP PLENUM (CMP)

PERFORMANCE

Electrical Characteristics:

0.772MHz - 100Mhz Impedance (Ohms)	100 ± 15%
100Mhz - 200MHz Impedance (Ohms)	100 ± 22%
200MHz - 500MHz Impedance (Ohms)	100 ± 32%
Mutual Capacitance:	14 pF/ft Nominal
Capacitance Unbalance:	330 pF/ft maximum
Max. Conductor DC Resistance	28.6Ω / 1,000ft
Max. DC Resistance Unbalance	≤3%
Max. Delay Skew	45ns/100m

Frequency MHz	Return Loss (dB/100m)	Insertion Loss (dB/100m)	NEXT (dB/100m)	PS-NEXT (dB/100m)	ACRF (dB/100m)	PS-ACRF (dB/100m)	Prop Delay (dB/100m)	Alien Cross Talk	
								PS ANEXT	PS AACRF
								(dB/100m)	(dB/100m)
	Minumum	Maximum	Minumum	Minumum	Minumum	Minumum	Maximum	Minumum	Minumum
1	20.0	2.0	74.3	72.3	67.8	64.8	570.0	67.0	67.0
4	23.0	3.8	65.3	63.3	52.8	52.8	552.0	67.0	66.2
8	24.5	5.3	60.8	58.8	46.7	46.7	546.7	67.0	60.1
10	25.0	5.9	59.3	57.3	44.8	44.8	545.4	67.0	58.2
16	25.0	7.4	56.2	54.2	40.7	40.7	543.0	67.0	54.1
20	25.0	8.3	54.8	52.8	38.8	38.8	542.0	67.0	52.2
25	24.3	9.3	53.3	51.3	36.8	36.8	541.2	67.0	50.2
31.25	23.6	10.5	51.9	49.9	34.9	34.9	540.4	67.0	48.3
62.5	21.5	14.9	57.4	45.4	28.9	28.9	538.6	65.6	42.3
100	20.1	19.1	44.3	42.3	24.8	24.8	537.6	62.5	38.2
155	18.8	24.0	41.4	39.4	21.0	21.0	536.9	59.6	34.4
200	18.0	27.5	39.8	37.8	18.8	18.8	536.5	58.0	32.2
250	17.3	31.0	38.3	36.3	16.8	16.8	536.3	56.5	30.2
300	16.8	34.2	37.1	35.1	15.3	15.3	536.1	55.3	28.7
350	16.3	37.2	36.1	34.1	13.9	13.9	535.9	54.3	27.3
400	15.9	40.0	35.3	33.3	12.8	12.8	535.8	53.5	26.2
500	15.2	45.2	33.8	31.8	10.8	10.8	535.6	52.0	24.2

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