

CAT6 AUGMENTED CABLE UTP PLENUM (CMP)

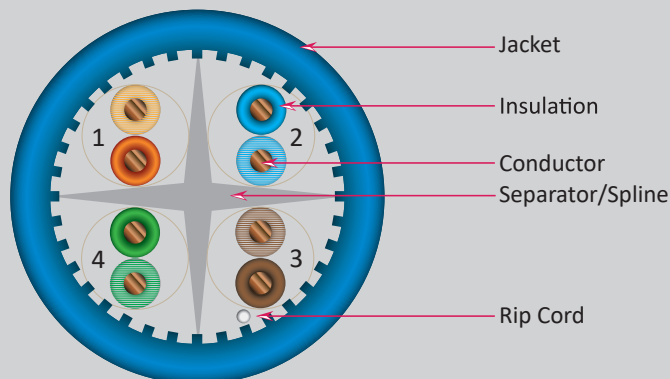


DESCRIPTION

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
- UL Listed, RoHS Compliant
- Supplied in 1000' Wooden Spool
- TAA Compliant



SKU: 065-300 SERIES

Technical Data

Rated Temperature	75°C
Rated Voltage	30v
Product Standard Certification	CMP (Plenum)
NVP	69%

Conductor

Insulation	Solid Bare Copper
Size	FEP
Separator	23 AWG
	Yes

Jacket

Outer Diameter (±0.10)	FRPVC
Rip Cord	6.6 mm
	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

E191267 (UL) C(UL) CMPA FT6 75C 23 AWG 4PR - CAT6A
ANSI/TIA 568-C.2 ROHS COMPLIANT XXXXFT (SEQUENTIAL FOOT
MARKERS)

JACKET AVAILABLE IN BLACK, BLUE, GREEN, WHITE, YELLOW

www.cat5ecableguy.com

TAA
Compliant



Rev. 03/2019

Specs subject to change without notice.

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

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Electrical Properties

Max. Mutual Capacitance	5.6nF/100m
Max. Resistance Unbalance	5%
Max. Capacitance Inbalance	330 pF/100m
Max. D.C. Resistance	9.38 Ω /100m

Frequency MHz	Attenuation \leq dB	Return Loss \geq dB	NEXT \geq dB	P.S NEXT \geq dB	ELNEXT \geq dB	P.S ELNEXT \geq dB
1	3.0	19.1	65.0	62.0	64.2	61.2
4	3.5	21.0	64.1	61.8	52.1	49.1
8	5.0	21.0	59.4	57.0	46.1	43.1
10	5.5	21.0	57.8	55.5	44.2	41.2
16	7.0	20.0	54.6	52.2	40.1	37.1
20	7.9	19.5	53.1	50.7	38.2	35.2
25	8.9	19.0	51.5	49.1	36.2	33.2
31.25	10.0	18.5	50.0	47.5	34.3	31.3
62.5	14.4	16.0	45.1	42.7	28.3	25.3
100	18.6	14.0	41.8	39.3	24.2	21.2
200	27.4	11.0	36.9	34.3	18.2	15.2
250	31.1	10.0	35.3	32.7	16.2	13.2
400	38.4	8.0	29.9	27.1	12.1	9.1
500	43.8	8.0	26.7	23.8	10.2	7.2

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