

CAT6 AUGMENTED CABLE UTP PLENUM (CMP)

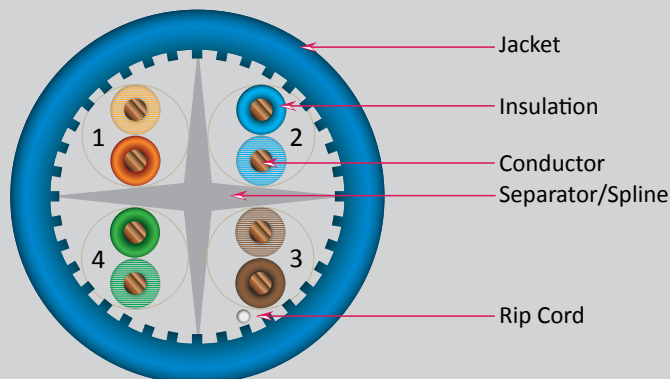


DESCRIPTION

Category-6A (Augmented) UTP
23 AWG 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 FT Wooden Spool



SKU: 065-300 SERIES

Technical Data

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

Conductor

Insulation	Solid Bare Copper
Size	FEP
Separator	23 AWG
Jacket	Yes

Jacket

Outer Diameter	FRPVC
Rip Cord	0.26 in. (6.6 mm ±0.10)
	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

Vertical Cable E191267 (UL)c(UL) CMP FT6 75C 23 AWG 4PR - Cat6A
ANSI/TIA 568-C.2 ROHS COMPLIANT XXXXFT (SEQUENTIAL FOOT
MARKERS)

Jacket Colors Available: Black, Blue, Green, White, Yellow, Red

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York



www.verticalcable.com

Rev. 06/2021

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

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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