

CAT6A AUGMENTED CABLE SHIELDED RISER RATED (F/UTP)



SKU: 064 SERIES (F/UTP)

DESCRIPTION

Category-6A (Augmented) F/UTP, 23AWG Solid Bare Copper.

FEATURES

- High-Performance Data Cable
- Suitable for 10Gb High-Speed Applications
- Designed for Indoor Installations (CMR)
- Category-6A (Augmented) (F/UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Technical Data

Rated Temperature	-20~75 °C
Rated Voltage	30V
NVP	74%
Conductor	Annealed Bare Copper
Size	23 AWG
Diameter (±.01mm)	0.022" (0.56mm)
Insulation	Three Pairs with HDPE and One pair with Foam PE
Separator	LDPE
Rip Cord	Yes
Overall Screen	PET Tape and Aluminium poly laminate
	0.02" (0.4+/-0.01mm)
	TC Drain Wire
Outer Jacket	PVC
Nominal Diameter	0.29" (7.3+/- 0.4 mm)
Nominal Thickness	0.02" (0.5+/-0.1mm)

Color of Pairs

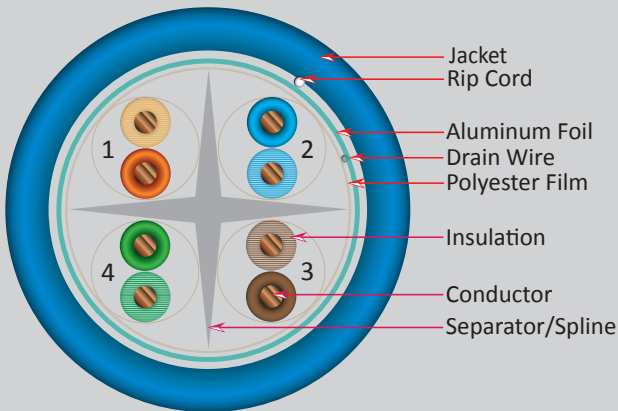
- Pair 1: Blue, White-Blue
- Pair 2: Orange, White-Orange
- Pair 3: Green, White-Green
- Pair 4: Brown, White-Brown

Standards:

ISO11801 & TIA- 568-C.2, UL Subject to 444

Marking on Jacket

VERTICAL CABLE c(ETL)us 5006092 CMR 75C F/UTP 4PR 23AWG CAT6A ANSI/TIA-568-C.2 RoHS V2034P11455 XXXXFT



Available in Black, Blue, Green, Gray, White, Yellow
*Check availability with your Account Manager.

VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York



www.verticalcable.com

Rev. 09/2019

Specs subject to change without notice.

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

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PERFORMANCE

MECHANICAL CHARACTERISTICS:

Maximum Pulling Force	100 N
Minimum Bending Radius	8*OD
Nominal Weight	55 KG/KM
Operating Temperature	-20Deg C ~ +75 Deg C
Installation Temperature	+0Deg C ~ +50 Deg C
Fire Performance	ROHS, IEC60332-1,CMR Rate
Testing requirement	Pass fluke link 295FT (90meter) testing based on ANSI/TIA 568C.2 CAT6A standard

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	500
NEXT dB	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	33.8
Characteristic <u>Impedance</u> (ohm)	100+/- 15								+/- 22		+/- 25
Attenuation dB/100m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	45.3
Return Loss dB	20	23	25	25	25	23.6	21.5	20.1	18	17.3	15.2
PSNEXT dB	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	31.8
ACRF dB	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	13.8
PS ACRF dB	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	10.8
PS ANEXT dB	92.5	83.5	77.5	74.4	73.0	70.1	65.6	62.5	58.0	56.5	52.0
PS AACRF dB	78.2	66.2	58.2	54.1	52.2	48.3	42.3	38.2	32.2	30.2	24.2
Delay ns/100m	570	552	545	543	542	540	539	538	537	536	536
Skew ns/100m	45										

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