

CAT6A AUGMENTED CABLE SHIELDED RISER RATED



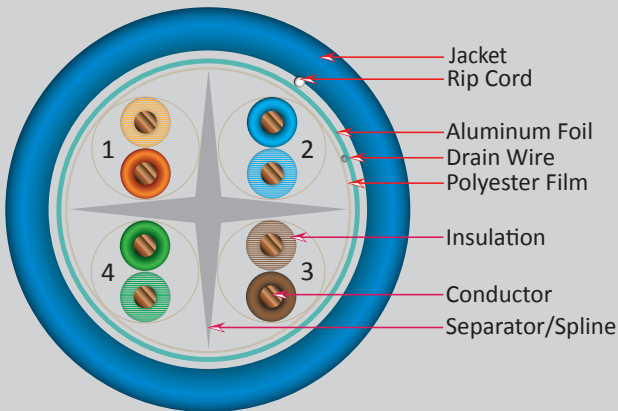
SKU: 064 SERIES (STP)

DESCRIPTION

Category-6A (Augmented) STP, 23AWG Solid Bare Copper.

FEATURES

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



Technical Data

Rated Temperature	-20~70 °C
Rated Voltage	30V
NVP	74%
Conductor	Solid Bare Copper
Size	23 AWG
Diameter (±.005mm)	.585
Insulation	PE
Insulation Diameter (±0.02mm)	1.150
Average Thickness (mm)	0.29
Min Point Thickness (mm)	0.28
Twisting Lay Length (mm)	20 underneath
Cabling Lay Length (±10mm)	100
Separator	PE
Polyester Film	Yes
Drain Wire	Tinned Copper
AL Foil	Yes
Jacket	PVC
Average Thickness (mm)	.55
Min Point Thickness (mm)	.52
Outer Diameter (±.2mm)	7.8
Color	Black
Color of Pairs	
Pair 1:Blue,White-Blue	
Pair 2:Orange,White-Orange	
Pair 3:Green,White-Green	
Pair 4:Brown,White-Brown	

Standards:

YD/T1019-2001, UL Subject 444, EIA/TIA568 & ISO/IEC 11801

Available in Black, Blue, Green, Gray, Red, White, Yellow

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York



www.verticalcable.com

Rev. 02/2016

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 Characteristics:

1.0 ~ 250.0MH Impedance(Ω)	100 \pm 15
1.0 ~ 250.0MH Delay Skew (ns/100m)	\leq 45
Pair-to-Ground Capacitance Unbalance (pF/100m)	\leq 330
Max Conductor DC REsistance 20°C (Ω /km)	62.8
Resistance Unbalance (5)	\leq 5

Frequency MHz	Return Loss dB	Attenuation dB/100m	NEXT dB	PSNEXT dB	ELFEXT dB/100m	PSELFEXT dB/100m	Delay ns/100m
1.00	20.00	1.84	74.30	72.30	68.00	65.00	570.00
4.00	23.01	3.69	65.27	63.27	55.96	52.96	552.00
8.00	24.52	5.26	60.75	58.75	49.94	46.94	546.73
10.00	25.00	5.89	59.30	57.30	48.00	45.00	545.38
16.00	25.00	7.51	56.24	54.24	43.92	40.92	543.00
20.00	25.00	8.43	54.78	52.78	41.98	38.98	542.05
25.00	24.32	9.47	53.33	51.33	40.04	37.04	541.20
31.25	23.64	10.64	51.88	49.88	38.10	35.10	540.44
62.50	21.54	15.36	47.36	45.36	32.08	29.08	538.55
100.00	20.11	19.78	44.30	42.30	28.00	25.00	537.60
200.00	18.00	28.97	39.78	37.78	21.98	18.98	536.50
250.00	17.32	32.84	38.33	36.33	20.04	17.04	536.28
300.00	16.80	36.40	37.10	35.10	18.30	15.30	
350.00	16.30	39.80	36.10	34.10	16.80	13.90	
400.00	15.90	43.00	35.30	33.30			
500.00	15.20	48.90	33.30	31.80			
550.00	14.90	51.80	33.20	31.20			

Mechanical Characteristics:

Test Object

Test Material

Before Tensile Strength (Mpa)

Aging Elongation (%)

Aging Condition ($^{\circ}$ Cxhrs)

After Tensile Strength (Mpa)

Aging Elongation (%)

Cold Bend ($-20\pm 2^{\circ}$ Cxhrs)

Jacket

PVC

\geq 13.8

\geq 100

100x240

\geq 85% of Unaged

\geq 50% of Unaged

No Crack

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