

CAT6A SHIELDED STP RISER (CMR), 1000FT, 23AWG SOLID BARE COPPER



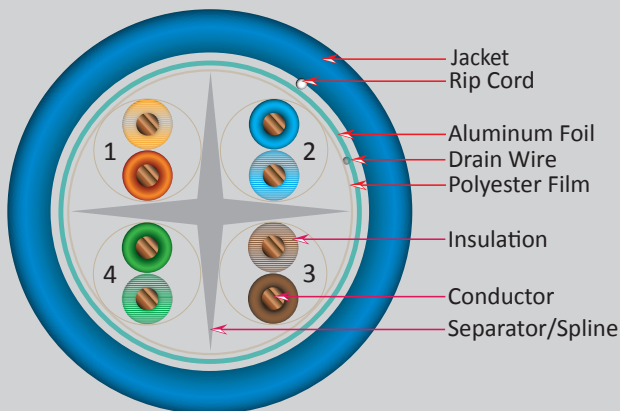
SKU: 064-484/A/BBK-1

DESCRIPTION

Category-6A STP Shielded Riser, 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

BN CABLES

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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	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	\geq 13.8
Aging Elongation (%)	\geq 100
Aging Condition ($^{\circ}$ Cxhrs)	100x240
After Tensile Strength (Mpa)	\geq 85% of Unaged
Aging Elongation (%)	\geq 50% of Unaged
Cold Bend (-20 \pm 2 $^{\circ}$ Cxhrs)	No Crack

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