

# CAT6A SLIM S/FTP NETWORK CABLE

PART NUMBER: **C6AS-XX-BU-SHF**

\*XX = LENGTH

## PRODUCT DESCRIPTION

Serveredge Slim Cat6A Shielded Cables are constructed of 30 AWG, shielded and foiled, twisted pair cable with LSZH jacket and high performance RJ45 modular plugs. The smaller cable diameter allows twice the amount of cable to be routed through cable managers and pathways compared to traditional Cat6A patch cables. This saves valuable space in a high density environment and at the same time improved air flow and cooling. Serveredge CAT6A shielded cables are constructed to provide superior strength and durability in the toughest environment. All the cables are individually tested ensuring optimum performance. Fully Moulded Snagless boot allows for a clean, tangle free and time saving installation.



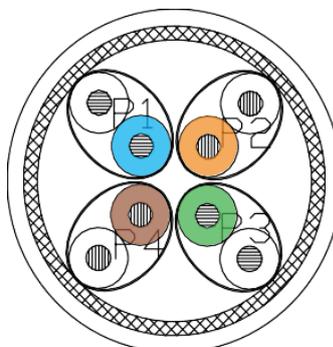
## PRODUCT FEATURES

- Suit for up to 10G LANS, include 10GBASE-T Ethernet, 1000BASE-TX Fast Ethernet and Lower
- Each twisted pair in the cable is individually wrapped in aluminium foil
- Overall Copper Braided Shielded
- Comes with LSZH (Low Smoke Zero Halogen) Jacket
- Category 6A SFTP cable wired straight through. 30 AWG, gold plated 8x8 (RJ45) plugs
- Snag-free strain relief molded boot provides secure and accurate connection
- Suppresses ANEXT (Alien Near End Cross Talk) and delivers superior 10GbE performance up to 100mt
- A-Tick Compliant as per ACMA requirement
- ETL verified to TIA/EIA-568C.2.1 Category 6a
- Compliant to IEC 802.3an standards & ISO/IEC 11801
- Lifetime Warranty

## LENGTH=X

C6AS-0.3-BU-SHF	0.3m
C6AS-0.5-BU-SHF	0.5m
C6AS-01-BU-SHF	1m
C6AS-1.5-BU-SHF	1.5m
C6AS-02-BU-SHF	2m
C6AS-03-BU-SHF	3m
C6AS-05-BU-SHF	5m

## CROSS-SECTION



- P1:White/Blue
- P2:White/Orange
- P3:White/Green
- P4:White/Brown

## GUARANTEE/WARRANTY

Serveredge products are manufactured at the highest standards using highest quality materials at an affordable price. This Serveredge product comes with Lifetime warranty for that extra piece of mind. Subject to Serveredge Terms and Conditions\*

## DESIGN AND CONSTRUCTION DATA

Conductor	No. of pair	4
	Material	Bare copper wire
	Construction	7/0.10±0.008
Insulation	Material	HDPE
	Nom. Thickness	0.18
	Nom. O.D.	0.71±0.05
	Color	Per cross-section
Shielding	Material	Al/Mylar tape
	Overlap	30%
Braid	Material	Al-Mg
	Construction	16/4/0.10±0.008
	Coverage	45%
Jacket	Material	LSZH
	Nom. Thickness	0.50
	Nom. O.D.	4.60±0.10
	Color	Blue

## PHYSICAL AND ELECTRICAL PERFORMANCE

Spark test for insulation (DC)	2.50 kv
Conductor resistance max. at 20°C	354.00 ohm/km
Characteristic impedance	100±15 ohm
Propagation delay skew	45 ns/100m

Frequency	RL	NEXT	PSNEXT	ACRF	PSACRF	Delay
1	20	74.3	72.3	67.8	64.8	570
4	23.0	65.3	63.3	55.8	52.8	552
8	24.5	60.8	58.8	49.7	46.7	547
10	25.0	59.3	57.3	47.8	44.8	545
16	25	56.2	54.2	43.7	40.7	543
20	25.0	54.8	52.8	41.8	38.8	542
25	24.2	53.3	51.3	39.8	36.8	541
31.25	23.3	51.9	49.9	37.9	34.9	540
62.5	20.7	47.4	45.4	31.9	28.9	539
100	19.0	44.3	42.3	27.8	24.8	538
200	16.4	39.8	37.8	21.8	18.8	537
250	15.6	38.3	36.3	19.8	16.8	536
300	14.9	37.1	35.1	18.3	15.3	536
400	13.8	35.3	33.3	15.8	12.8	536
500	13.0	33.8	31.8	13.8	10.8	536