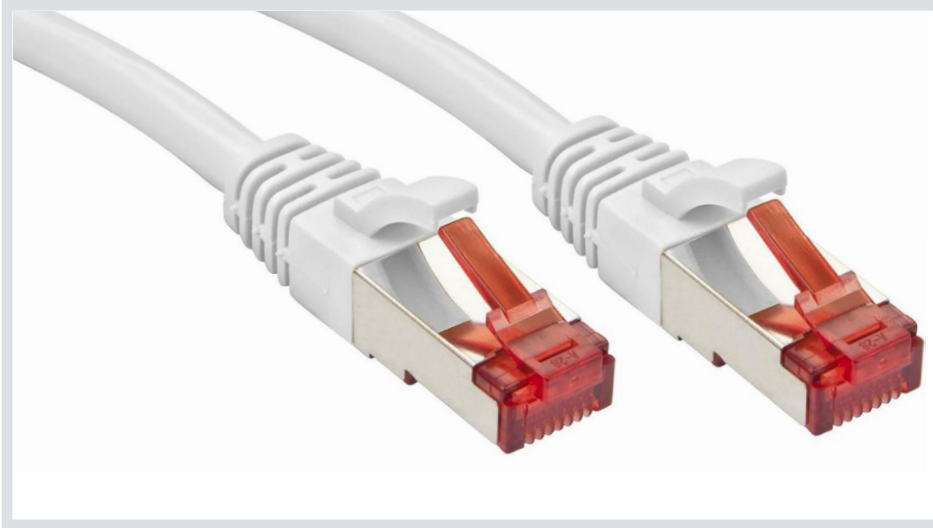


Black-stone CAT 6A FTP Patch Cord

PART NO. : BSAC1G4ALZSH-W



DISCRIPTION

Blackstone Cat 6A Patch Cords, with a compact plug and boot exceed all channel performance requirements in ANSI/TIA-568.2-D from 1 MHz to 500 MHz to support the IEEE 802.3an standard for 10 Gigabit Ethernet over UTP cable. The patch cords provide superior alien crosstalk suppression and protect critical data from EMI (electromagnetic interference) and RFI (radio frequency interference). They are ideal for use in a UTP Cat 6A system compatible with Black-stone Cat6 keystone jacks and Cat6 24 port patch panel.

FEATURES

- Tested and verified for Cat 6A component performance.
- Cable construction provides excellent alien crosstalk suppression and EMI/RFI protection.
- Compact plug and boot promotes shorter installed bend radius, ideal for limited depth applications.
- Snag less design prevents tab breakage.
- Integrated strain relief.
- Easily manageable, with an outside diameter of .240 inches.
- 26 AWG stranded conductors for maximum flexibility.
- Shielded twisted pair cord installations.
- Accepts clip-on colored boot markers for network identifications.

SPECIFICATION

Patch cords shall meet or exceed electrical transmission performance requirements for all internal and alien crosstalk parameters from 1 to 500 MHz as described in ANSI/TIA-568.2-D (Cat 6A) and ISO/IEC 11801-1(Class EA) and EN 50173-1 (ClasseA).

The patch cord shall be a 26-gauge FTP construction with stranded conductors to provide greater flex life. The patch cord will incorporate a plug and boot combination to provide strain relief and ease of use in higher-density applications.

The patch cords shall be available in standard lengths of 1, 2, 3, 10, 25, and 50 feet. The patch cord shall be available in seven standard colors. Patch cord plug shall have industry standard, ANSI/TIA-1096-A compliant 50 micro inches of gold plating.

Performance Specification

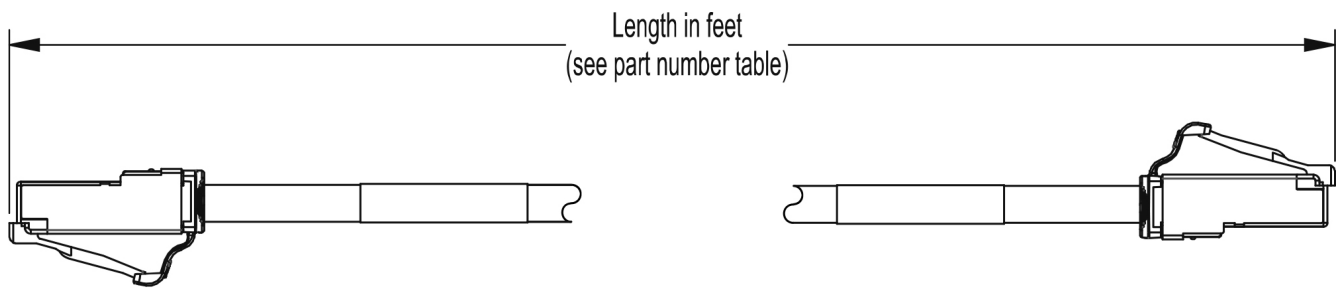
Outer Diameter (O.D.):	0.240"
Materials	26 AWG, FTP stranded conductor
Colors	White, yellow, red, blue, green, gray, and black
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Installation Temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
UL voltage rating	300V
Humidity (Max)	93% relative humidity, non-condensing
Flammability Rating	Dual Rated (CM-LSZH) Depends on jacket material

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STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D Cat 6A.
- ISO/IEC 11801-1 Class EA.
- EN 50173-1 Class EA.
- ANSI/TIA-1096-A.
- CE CERTIFIED
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (100 watts Max).
- Cisco UPOE, UPOE+ (90 watts Max).
- Power over HDBaseT™ PoH (95 watts Max).
- Maximum cable bundle for 90W and above is 100 cords.

PRODUCT SPECIFICATIONS



ORDER INFORMATION

Part number guide example for Black-stone CAT6A FTP Patch Cord

Data cable	Metric System		Length		Category	Shielding	Jacket	Color
	Europe and Middle East	USA	M	FT				
BS	AC	US	0.15	1F	Cat6a	S/FTP	PVC	BU (Blue)
			0.3	2F			LSZH	YL (Yellow)
			0.5	3F			CM	GR (Green)
			1	10F				BL (Black)
			3	25F				W (White)
			5	50F				G (Gray)
			10					RD (Red)
BS	AC		1		G	4A	LSZH	W

PN://BS AC 1 G 4A LSZH W PB://BSAC1G4ALSZH-W

Description	Europe and Middle East						
	Color						
	White	Yellow	Grey	Red	Black	Green	Blue
Cat6a FTP Patch Cable, 0.15m	BSAC015G4ALSZH-W	BSAC015G4ALSZH-YL	BSAC015G4ALSZH-G	BSAC015G4ALSZH-RD	BSAC015G4ALSZH-BL	BSAC015G4ALSZH-GR	BSAC015G4ALSZH-BU
Cat6a FTP Patch Cable, 0.3m	BSAC03G4ALSZH-W	BSAC03G4ALSZH-YL	BSAC03G4ALSZH-G	BSAC03G4ALSZH-RD	BSAC03G4ALSZH-BL	BSAC03G4ALSZH-GR	BSAC03G4ALSZH-BU
Cat6a FTP Patch Cable, 0.5m	BSAC05G4ALSZH-W	BSAC05G4ALSZH-YL	BSAC05G4ALSZH-G	BSAC05G4ALSZH-RD	BSAC05G4ALSZH-BL	BSAC05G4ALSZH-GR	BSAC05G4ALSZH-BU
Cat6a FTP Patch Cable, 1m	BSAC1G4ALSZH-W	BSAC1G4ALSZH-YL	BSAC1G4ALSZH-G	BSAC1G4ALSZH-RD	BSAC1G4ALSZH-BL	BSAC1G4ALSZH-GR	BSAC1G4ALSZH-BU
Cat6a FTP Patch Cable, 3m	BSAC3G4ALSZH-W	BSAC3G4ALSZH-YL	BSAC3G4ALSZH-G	BSAC3G4ALSZH-RD	BSAC3G4ALSZH-BL	BSAC3G4ALSZH-GR	BSAC3G4ALSZH-BU
Cat6a FTP Patch Cable, 5m	BSAC3G4ALSZH-W	BSAC3G4ALSZH-YL	BSAC3G4ALSZH-G	BSAC3G4ALSZH-RD	BSAC3G4ALSZH-BL	BSAC3G4ALSZH-GR	BSAC3G4ALSZH-BU
Cat6a FTP Patch Cable, 7m	BSAC7G4ALSZH-W	BSAC7G4ALSZH-YL	BSAC7G4ALSZH-G	BSAC7G4ALSZH-RD	BSAC7G4ALSZH-BL	BSAC7G4ALSZH-GR	BSAC7G4ALSZH-BU
Cat6a FTP Patch Cable, 10m	BSAC10G4ALSZH-W	BSAC10G4ALSZH-YL	BSAC10G4ALSZH-G	BSAC10G4ALSZH-RD	BSAC10G4ALSZH-BL	BSAC10G4ALSZH-GR	BSAC10G4ALSZH-BU
USA							
Cat6a FTP Patch Cable, 1ft	BSUS1FG4ACM-W	BSUS1FG4ACM-YL	BSUS1FG4ACM-G	BSUS1FG4ACM-RD	BSUS1FG4ACM-BL	BSUS1FG4ACM-GR	BSUS1FG4ACM-BU
Cat6a FTP Patch Cable, 2ft	BSUS2FG4ACM-W	BSUS2FG4ACM-YL	BSUS2FG4ACM-G	BSUS2FG4ACM-RD	BSUS2FG4ACM-BL	BSUS2FG4ACM-GR	BSUS2FG4ACM-BU
Cat6a FTP Patch Cable, 3ft	BSUS3FG4ACM-W	BSUS3FG4ACM-YL	BSUS3FG4ACM-G	BSUS3FG4ACM-RD	BSUS3FG4ACM-BL	BSUS3FG4ACM-GR	BSUS3FG4ACM-BU
Cat6a FTP Patch Cable, 10ft	BSUS10FG4ACM-W	BSUS10FG4ACM-YL	BSUS10FG4ACM-G	BSUS10FG4ACM-RD	BSUS10FG4ACM-BL	BSUS10FG4ACM-GR	BSUS10FG4ACM-BU
Cat6a FTP Patch Cable, 25ft	BSUS25FG4ACM-W	BSUS25FG4ACM-YL	BSUS25FG4ACM-G	BSUS25FG4ACM-RD	BSUS25FG4ACM-BL	BSUS25FG4ACM-GR	BSUS25FG4ACM-BU
Cat6a FTP Patch Cable, 50ft	BSUS50FG4ACM-W	BSUS50FG4ACM-YL	BSUS50FG4ACM-G	BSUS50FG4ACM-RD	BSUS50FG4ACM-BL	BSUS50FG4ACM-GR	BSUS50FG4ACM-BU

Note: Other lengths and colors (such as orange and violet) are available by special order, please contact customer service for more information.