

## Black-stone CAT 6A UTP Patch Cord

PART NO. : BSACLSZH0100A-UXD06A-1-W



### DISCRIPTION

Blackstone Cat 6A UTP Patch Cords, shall be constructed of 24 AWG solid copper cable with an enhanced performance modular plug on each end. Copper conductors in patch cable shall be twisted in pairs and separated by a quadrant separator. All four pairs shall be surrounded by solid foil tape and a flame retardant jacket. The tape shall suppress alien crosstalk and allow 10 Gb/s transmission. Patch cord cable shall be offered in multiple colors and lengths for design flexibility with a strain relief boot on each modular plug. All patch cords shall be compatible with both T568A and T568B wiring schemes.

### 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.
- Snagless design prevents tab breakage.
- Integrated strain relief.
- Easily manageable, with an outside diameter of .240 inches.
- 24 AWG stranded conductors for maximum flexibility.
- Unshielded twisted bear 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 (Class EA).

The patch cord shall be a 24-gauge UTP 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.

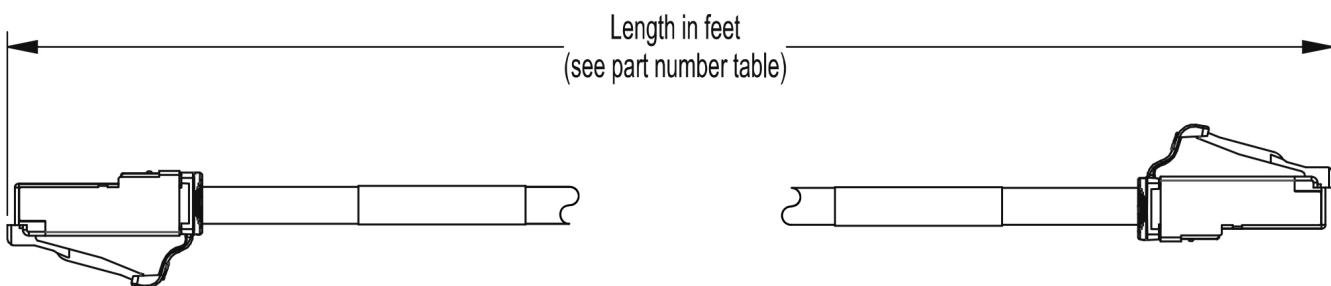
## Performance Specification

Outer Diameter (O.D.):	0.240"
Materials	24 AWG, UTP 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

## STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D Cat 6A.
- ISO/IEC 11801-1 Class EA.
- EN 50173-1 Class EA.
- ANSI/TIA-1096-A.
- 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.
- CE CERTIFIED

## PRODUCT SPECIFICATIONS



## ORDER INFORMATION

### Europe and Middle East

Description	Color						
	White	Yellow	Grey	Red	Black	Green	Blue
Cat6a UTP Patch Cable, 0.15m	BSAC015M6A00-UXD06A-W	BSAC015M6A00-UXD06A-YL	BSAC015M6A00-UXD06A-G	BSAC015M6A00-UXD06A-RD	BSAC015M6A00-UXD06A-BL	BSAC015M6A00-UXD06A-GR	BSAC015M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 0.3m	BSAC03M6A00-UXD06A-W	BSAC03M6A00-UXD06A-YL	BSAC03M6A00-UXD06A-G	BSAC03M6A00-UXD06A-RD	BSAC03M6A00-UXD06A-BL	BSAC03M6A00-UXD06A-GR	BSAC03M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 0.5m	BSAC05M6A00-UXD06A-W	BSAC05M6A00-UXD06A-YL	BSAC05M6A00-UXD06A-G	BSAC05M6A00-UXD06A-RD	BSAC05M6A00-UXD06A-BL	BSAC05M6A00-UXD06A-GR	BSAC05M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 1m	BSAC1M6A00-UXD06A-W	BSAC1M6A00-UXD06A-YL	BSAC1M6A00-UXD06A-G	BSAC1M6A00-UXD06A-RD	BSAC1M6A00-UXD06A-BL	BSAC1M6A00-UXD06A-GR	BSAC1M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 3m	BSAC3M6A00-UXD06A-W	BSAC3M6A00-UXD06A-YL	BSAC3M6A00-UXD06A-G	BSAC3M6A00-UXD06A-RD	BSAC3M6A00-UXD06A-BL	BSAC3M6A00-UXD06A-GR	BSAC3M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 5m	BSAC5M6A00-UXD06A-W	BSAC5M6A00-UXD06A-YL	BSAC5M6A00-UXD06A-G	BSAC5M6A00-UXD06A-RD	BSAC5M6A00-UXD06A-BL	BSAC5M6A00-UXD06A-GR	BSAC5M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 7m	BSAC7M6A00-UXD06A-W	BSAC7M6A00-UXD06A-YL	BSAC7M6A00-UXD06A-G	BSAC7M6A00-UXD06A-RD	BSAC7M6A00-UXD06A-BL	BSAC7M6A00-UXD06A-GR	BSAC7M6A00-UXD06A-BU
Cat6a UTP Patch Cable, 10m	BSAC10M6A00-UXD06A-W	BSAC10M6A00-UXD06A-YL	BSAC10M6A00-UXD06A-G	BSAC10M6A00-UXD06A-RD	BSAC10M6A00-UXD06A-BL	BSAC10M6A00-UXD06A-GR	BSAC10M6A00-UXD06A-BU
USA							
Cat 6 UTP Patch Cable, 1ft	BSUS1F6A00-UXD06A-W	BSUS01F6A00-UXD06A-YL	BSUS01F6A00-UXD06A-G	BSUS01F6A00-UXD06A-RD	BSUS01F6A00-UXD06A-BL	BSUS01F6A00-UXD06A-GR	BSUS01F6A00-UXD06A-BU
Cat 6 UTP Patch Cable, 2ft	BSUS2F6A00-UXD06A-W	BSUS2F6A00-UXD06A-YL	BSUS2F6A00-UXD06A-G	BSUS2F6A00-UXD06A-RD	BSUS2F6A00-UXD06A-BL	BSUS2F6A00-UXD06A-GR	BSUS2F6A00-UXD06A-BU
Cat 6 UTP Patch Cable, 3ft	BSUS3F6A00-UXD06A-W	BSUS3F6A00-UXD06A-YL	BSUS3F6A00-UXD06A-G	BSUS3F6A00-UXD06A-RD	BSUS3F6A00-UXD06A-BL	BSUS3F6A00-UXD06A-GR	BSUS3F6A00-UXD06A-BU
Cat 6 UTP Patch Cable, 10ft	BSUS10F6A00-UXD06A-W	BSUS10F6A00-UXD06A-YL	BSUS10F6A00-UXD06A-G	BSUS10F6A00-UXD06A-RD	BSUS10F6A00-UXD06A-BL	BSUS10F6A00-UXD06A-GR	BSUS10F6A00-UXD06A-BU
Cat 6 UTP Patch Cable, 25ft	BSUS25F6A00-UXD06A-W	BSUS25F6A00-UXD06A-YL	BSUS25F6A00-UXD06A-G	BSUS25F6A00-UXD06A-RD	BSUS25F6A00-UXD06A-BL	BSUS25F6A00-UXD06A-GR	BSUS25F6A00-UXD06A-BU
Cat 6 UTP Patch Cable, 50ft	BSUS50F6A00-UXD06A-W	BSUS50F6A00-UXD06A-YL	BSUS50F6A00-UXD06A-G	BSUS50F6A00-UXD06A-RD	BSUS50F6A00-UXD06A-BL	BSUS50F6A00-UXD06A-GR	BSUS50F6A00-UXD06A-BU

### LZSH Jacket

Description	Color						
	White	Yellow	Grey	Red	Black	Green	Blue
Cat6a UTP Patch Cable, 0.15m	BSACLSZH0100A-UXD06A-015-W	BSACLSZH0100A-UXD06A-015-YL	BSACLSZH0100A-UXD06A-015-G	BSACLSZH0100A-UXD06A-015-RD	BSACLSZH0100A-UXD06A-015-BL	BSACLSZH0100A-UXD06A-015-GR	BSACLSZH0100A-UXD06A-015-BU
Cat6a UTP Patch Cable, 0.3m	BSACLSZH0100A-UXD06A-03-W	BSACLSZH0100A-UXD06A-03-YL	BSACLSZH0100A-UXD06A-03-G	BSACLSZH0100A-UXD06A-03-RD	BSACLSZH0100A-UXD06A-03-BL	BSACLSZH0100A-UXD06A-03-GR	BSACLSZH0100A-UXD06A-03-BU
Cat6a UTP Patch Cable, 0.5m	BSACLSZH0100A-UXD06A-05-W	BSACLSZH0100A-UXD06A-05-YL	BSACLSZH0100A-UXD06A-05-G	BSACLSZH0100A-UXD06A-05-RD	BSACLSZH0100A-UXD06A-05-BL	BSACLSZH0100A-UXD06A-05-GR	BSACLSZH0100A-UXD06A-05-BU
Cat6a UTP Patch Cable, 1m	BSACLSZH0100A-UXD06A-1-W	BSACLSZH0100A-UXD06A-1-YL	BSACLSZH0100A-UXD06A-1-G	BSACLSZH0100A-UXD06A-1-RD	BSACLSZH0100A-UXD06A-1-BL	BSACLSZH0100A-UXD06A-1-GR	BSACLSZH0100A-UXD06A-1-BU
Cat6a UTP Patch Cable, 3m	BSACLSZH0100A-UXD06A-3-W	BSACLSZH0100A-UXD06A-3-YL	BSACLSZH0100A-UXD06A-3-G	BSACLSZH0100A-UXD06A-3-RD	BSACLSZH0100A-UXD06A-3-BL	BSACLSZH0100A-UXD06A-3-GR	BSACLSZH0100A-UXD06A-3-BU
Cat6a UTP Patch Cable, 5m	BSACLSZH0100A-UXD06A-5-W	BSACLSZH0100A-UXD06A-5-YL	BSACLSZH0100A-UXD06A-5-G	BSACLSZH0100A-UXD06A-5-RD	BSACLSZH0100A-UXD06A-5-BL	BSACLSZH0100A-UXD06A-5-GR	BSACLSZH0100A-UXD06A-5-BU
Cat6a UTP Patch Cable, 7m	BSACLSZH0100A-UXD06A-7-W	BSACLSZH0100A-UXD06A-7-YL	BSACLSZH0100A-UXD06A-7-G	BSACLSZH0100A-UXD06A-7-RD	BSACLSZH0100A-UXD06A-7-BL	BSACLSZH0100A-UXD06A-7-GR	BSACLSZH0100A-UXD06A-7-BU
Cat6a UTP Patch Cable, 10m	BSACLSZH0100A-UXD06A-10-W	BSACLSZH0100A-UXD06A-10-YL	BSACLSZH0100A-UXD06A-10-G	BSACLSZH0100A-UXD06A-10-RD	BSACLSZH0100A-UXD06A-10-BL	BSACLSZH0100A-UXD06A-10-GR	BSACLSZH0100A-UXD06A-10-BU

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