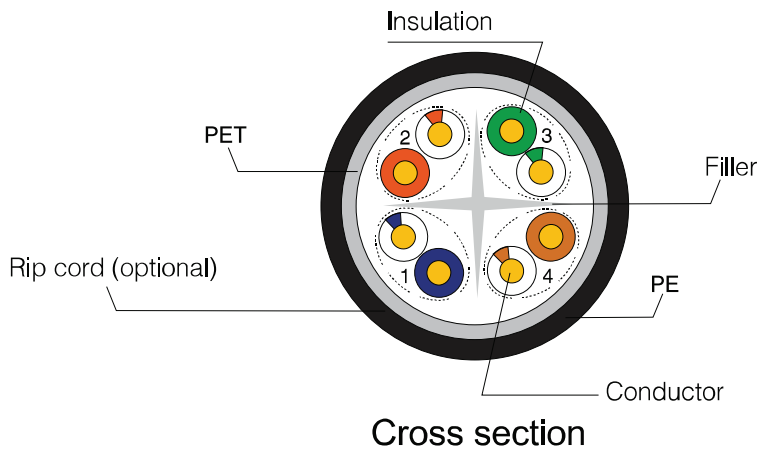


BLACK-STONE CAT 6A 4PAIR OUTDOOR U/UTP

PN://BSCI46A3UTPPEBL

Product Structure Diagram



Standards

UL Subject 444, ANSI/TIA 568C.2, ANSI/TIA 568.2-D, ISO / IEC 11801, IEC 61156-5, YD/T1019-2013

PoE compliance: Meets IEEE 802.3af and IEEE 802.3at for PoE applications

Application

100 BASE-Tc
100 BASE-TX
100VG-AnyLAN
1000 BASE-T
1000 BASE-TX

155 Mbps ATM
622 Mbps ATM
10GB ETHERNET

Characteristics



Mechanical Characteristics	
Operating Temperature	-40~75°C
Maximum Pulling Force	110N
Minimum Bending Radius	4 X O.D.
Flame Test	Fca

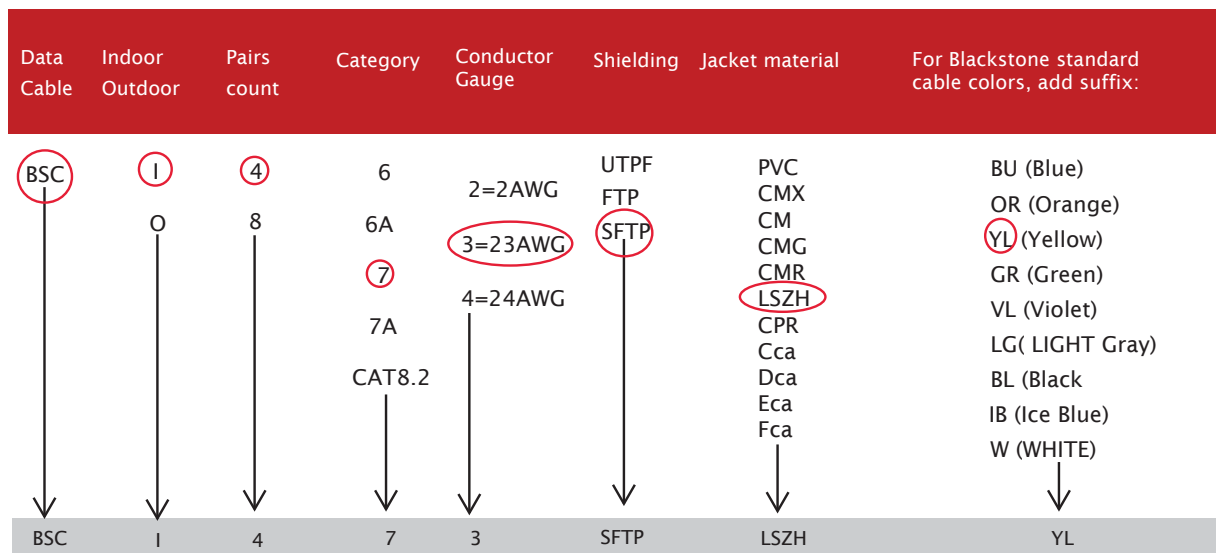
Product Structure		
Product Name	CAT 6A 4PAIR OUTDOOR U/UTP CABLE	CAT 6A 8PAIR OUTDOOR U/UTP CABLE
Conductor	23AWG	23AWG
Number Of Pairs	4	4 x 2
Nominal Conductor Dimension	0.57±0.02mm	0.57±0.02mm
Insulation Material	Solid Insulation	Solid Insulation
Nominal Insulation Dimension	1.02±0.05mm	1.02±0.05mm
Color Code	White & Blue/Blue White & Orange /Orange White & Green/Green White & Brown/Brown	
Separator	Yes	Yes
Individual Shield & Material	No	No
Outer Shield & Material	No	No
Drain Wire	No	No
Outer Jacket Material	PE	PE
Ripcord	Optional	Optional
Nominal Cable Diameter	7.10±0.30mm	(7.10±0.30) X (14.40±0.60)mm

Electrical Characteristics

F (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2,1	74,3	72,3	570	67,8	64,8	20,0
4	3,8	65,3	63,3	552	55,8	52,8	23,0
8	5,3	60,8	58,8	547	49,7	46,7	24,5
10	5,9	59,3	57,3	545	47,8	44,8	25,0
16	7,5	56,2	54,2	543	43,7	40,7	25,0
20	8,4	54,8	52,8	542	41,8	38,8	25,0
25	9,4	53,3	51,3	541	39,8	36,8	24,3
31,25	10,5	51,9	49,9	540	37,9	34,9	23,6
62,5	15	47,4	45,4	539	31,9	28,9	21,5
100	19,1	44,3	42,3	538	27,8	24,8	20,1
200	27,6	39,8	37,8	537	21,8	18,8	18,0
250	31,1	38,3	36,3	536	19,8	16,8	17,3
300	34,3	37,1	35,1	536	18,3	15,3	16,8
400	40,1	35,3	33,3	536	15,8	12,8	15,9
500	45,3	33,8	31,8	536	13,8	10,8	15,2

Black-stone, Installation cable 4 or 8 pairs Part number guide configurations

Part number guide example for **Black-stone Installation Cable Cat7, SFTP, 4P, LSZH YELLOW**



PN://BSC I 4 7 3 SFTP LSZH YL

Cat7, SFTP, 4P, LSZH YELLOW PN://BSCI473SFTPLSZHYL

Additional Information

- All Blackstone Cable has been Tested above the standard.
- 305m (1000 ft.) ALL Packaged Tested.
- POE compliance: Meets IEEE 802.3af and IEEE 802.3at for POE applications.
- Lifetime warranty.

NOTE: Any stock orders placed before May 2024 may be assigned a different part number. We kindly advise you to check with our authorized partner or contact us for further assistance.