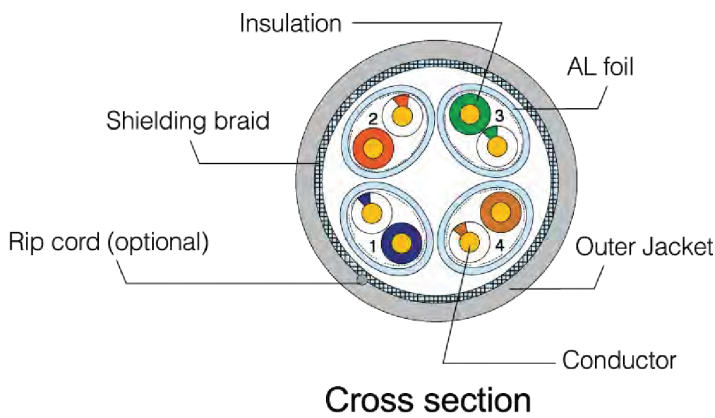


# BLACK-STONE CAT 7A 4PAIR S/FTP CABLE

## PN://BSCI47A3SFTPLSZHW

### Product Structure Diagram



### Standards

UL Subject 444, ANSI/TIA 568C.2 , ISO / IEC 11801-1 , IEC 61156-5

### 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	-20~75°C
Maximum Pulling Force	110N
Minimum Bending Radius	8 X O.D.
Flame Test	PVC: CMX/CM/CMG/CMR LSZH : CPR-B2ca/Cca/Dca/Eca/Fca

### Product Structure

Product Name	CAT 7A 4PAIR S/FTP CABLE
Conductor	23AWG
Number Of Pairs	4
Nominal Conductor Dimension	0.57±0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.40±0.05mm
Color Code	White & Blue/Blue White & Orange /Orange White & Green/Green White & Brown/Brown
Individual Shield & Material	AL Foil
Outer Shield & Material	Braided Wire
Drain Wire	yes
Outer Jacket Material	PVC/LSZH
Ripcord	Optional
Nominal Cable Diameter	7.50±0.30mm

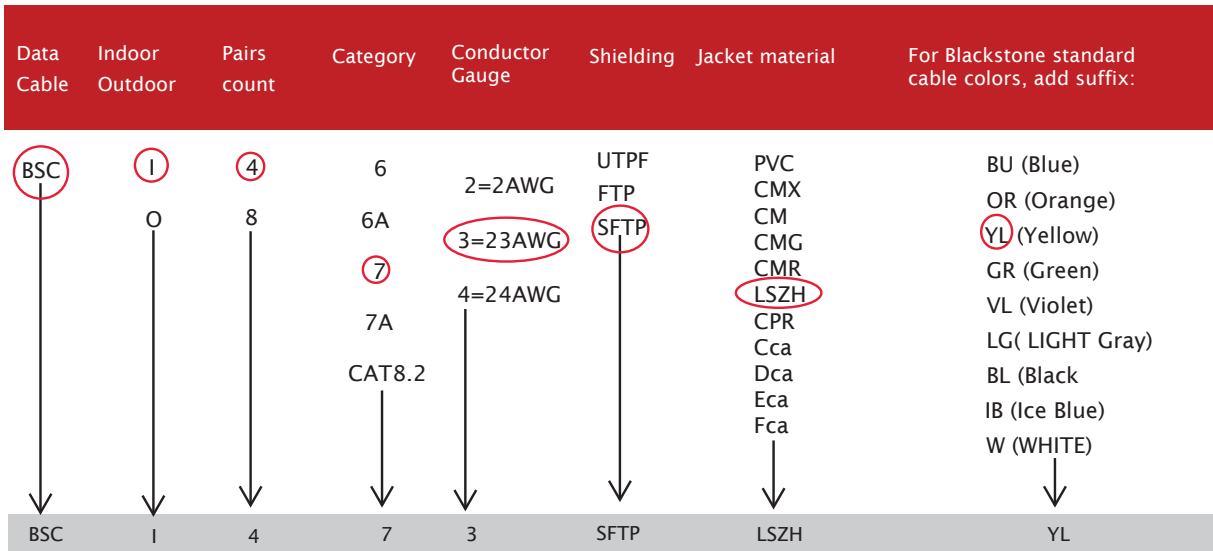
### Electrical Characteristics

F (MHz)	Attenuation (dB/30m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/30m)	PSACR-F (dB/30m)	Return Loss (dB)
1	-	78,0	75,0	570	78	75	20,0
4	3,75	78,0	75,0	552	78	75	23,0
8	5,22	78,0	75,0	547	77,2	74,2	24,5
10	5,82	78,0	75,0	545	75,3	72,3	25,0
16	7,32	78,0	75,0	543	71,2	68,2	25,0
20	8,21	78,0	75,0	542	69,3	66,3	25,0
25	9,18	78,0	75,0	541	67,3	64,3	24,3
31,25	10,26	78,0	75,0	540	65,4	62,4	23,6
62,5	14,57	78,0	75,0	539	59,4	56,4	21,5
100	18,53	75,4	72,4	538	55,3	52,3	20,1
200	26,47	70,9	67,9	537	49,3	46,3	18,0
250	29,73	69,4	66,4	536	47,3	44,3	17,3
300	32,69	68,2	65,2	536	45,8	42,8	17,3
400	38,01	66,4	63,4	536	43,3	40,3	17,3
500	42,76	64,9	61,9	536	41,3	38,3	17,3
600	47,01	63,7	60,7	535,5	39,7	36,7	17,3
800	54,92	61,9	58,9	535,3	37,2	34,2	17,3
1000	61,93	60,4	57,4	535,1	35,3	32,3	17,3

# 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.