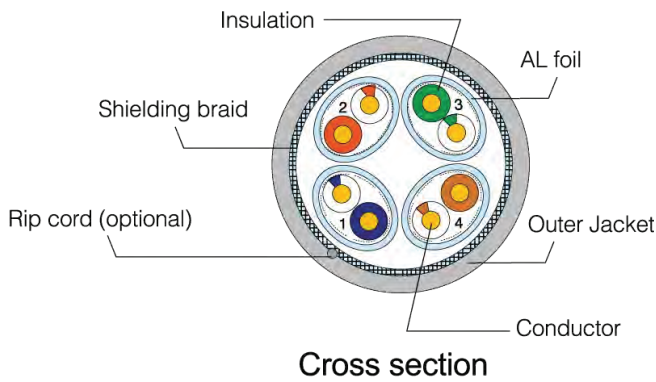


## BLACK-STONE CAT 8.2 4PAIR S/FTP CABLE PN://BSCI482SFTPLSZHW

### Product Structure Diagram



### Standards

UL Subject 444, ANSI/TIA 568C.2-1, ANSI/TIA 568.2.D, ISO / IEC 11801-1, IEC 61156-9, EN50288-4-

### Application

100 BASE-Tc	155 Mbps ATM
100 BASE-TX	622 Mbps ATM
100VG-AnyLAN	10GB ETHERNET
1000 BASE-T	25GB BASE-T
1000 BASE-TX	40GB BASE-T

### Characteristics



Mechanical Characteristics	
Operating Temperature	-20~75°C
Maximum Pulling Force	110N
Minimum Bending Radius	10 X O.D.
Flame Test	PVC: CMX/CM/CMG/CMR LSZH : CPR-B2ca/Cca/Dca/Eca/Fca

### Product Structure

Product Name	CAT 8 4PAIR S/FTP CABLE
Conductor	22AWG
Number Of Pairs	4
Nominal Conductor Dimension	0.63±0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.60±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	No
Outer Jacket Material	PVC/LSZH
Ripcord	Optional
Nominal Cable Diameter	8.50±0.30mm

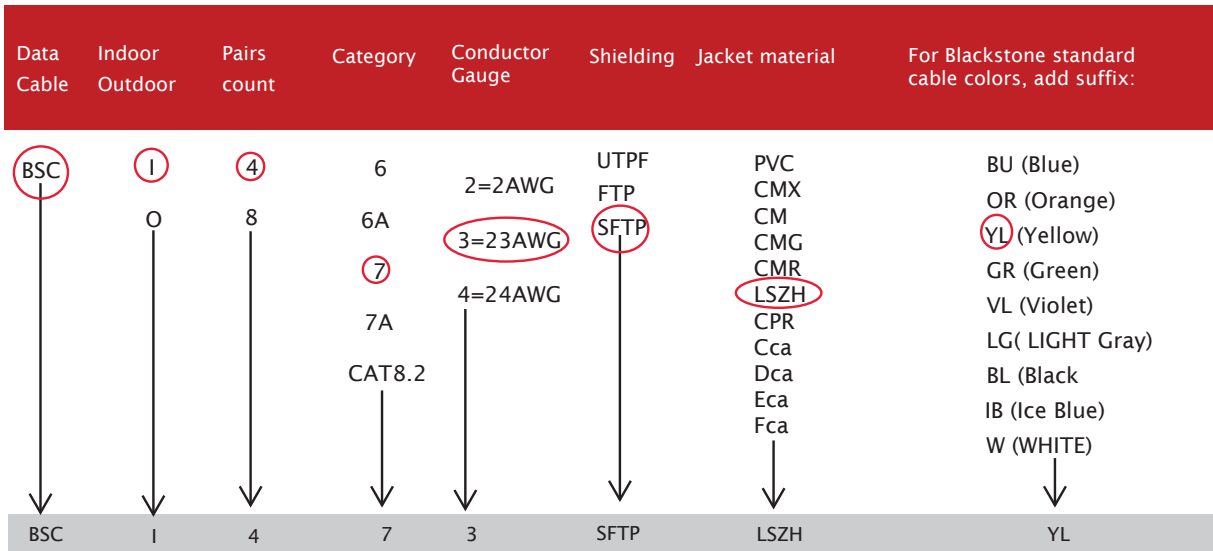
### Electrical Characteristics

(MHz)	Attenuation (dB/30m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/30m)	PSACR-F (dB/30m)	Return Loss (dB)
1	1,12	78,0	75,0	570	78	75	20,0
4	1,12	78,0	75,0	552	78	75	23,0
8	1,57	78,0	75,0	547	78	75	24,5
10	1,75	78,0	75,0	545	78	75	25,0
16	2,20	78,0	75,0	543	76,5	73,5	25,0
20	2,46	78,0	75,0	542	74,6	71,6	25,0
25	2,75	78,0	75,0	541	72,6	69,6	25,0
31,25	3,08	78,0	75,0	540	70,7	67,7	25,0
62,5	4,37	78,0	75,0	539	64,7	61,7	23,6
100	5,56	75,4	72,4	538	60,6	57,6	22,2
200	7,94	70,9	67,9	537	54,6	51,6	20,1
250	8,92	69,4	66,4	536	52,6	49,6	19,4
300	9,81	68,2	65,2	536	51,1	48,1	18,9
400	11,40	66,4	63,4	536	48,6	45,6	18,0
500	12,83	64,9	61,9	536	46,6	43,6	17,3
600	14,13	63,7	60,7	535,5	45,0	42,0	16,8
1000	18,58	60,4	57,4	535,1	40,6	37,6	15,2
1500	23,17	57,8	54,8	534,9	39,1	34,1	14,0
2000	27,15	55,9	52,9	534,8	34,6	31,6	13,1

# 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.