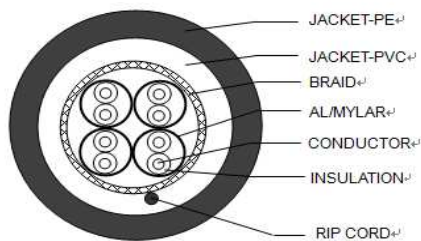


CAT6A S/FTP Outdoor Bulk Cable

- ◆S/FTP PE + PVC compound Jacket /23AWG
- ◆Support 500MHz bandwidth
- ◆Support 10G Ethernet
- ◆Applied to data centers, servers, switches, wiring racks and other equipment connections
RoHS, REACH, ISO Certificates

1. Structure



Conductor	AWG	23AWG	
	MATERIAL	BC	
	SIZE (mm)	1/0.57±0.008	
Insulation	THICK (NOM. mm)	0.42	
	MATERIAL	FM-PE+SKIN	
	OD (mm)	1.40±0.05	
Face Inside AL/Mylar	COVERAGE	100%	
	OVERLAP	25% MIN	
	NO.	4P	
4P	Color	1. BLUE*WHITE	2. ORANGE*WHITE
		3. GREEN*WHITE	4. BROWN*WHITE
DRAIN	MATERIAL	/	
	SIZE (mm)	/	
Jacket	THICK (NOM. mm)	0.5	
	MATERIAL	LIGHT PVC	
	COLOUR	BLACK	
	OD (mm)	7.6±0.15	
Jacket	THICK (NOM. mm)	0.5	
	MATERIAL	PE	
	COLOUR	BLACK	
	OD (mm)	8.8±0.20	
	Marking	/	

2. Mechanical characteristic

- ◆Installation temperature : 0-50°C
- ◆Operating temperature: PE-100°C to 100°C
- ◆Min bending radius : 10xOD in Operation , 7xOD after operation
- ◆Compliance with RoHS 2.0 and REACH

3. Electrical Characteristics

- ◆Conductor DC resistance : 20°C ≤95Ω/km
- ◆DC Resistance Unbalance : ≤5%
- ◆Characteristic impedance : 100Ω±15%
- ◆Insulation Resistance : ≥500MΩ.km (IEC 60189-1)
- ◆Transmission performance: : Cat 6A TIA Perm. Link Test in 70m

y (MHz)	IL dB	NEXT dB	RL dB	ACR-N dB	ACR-F dB	PS NEXT dB	PS ACR-N dB	PS ACR-F dB
1	3	65	19.1	62	64.2	62	59	61.2
4	3.5	64.1	21	60.5	52.1	61.8	58.3	49.1
8	5	59.4	21	54.4	46.1	57	52.1	43.1
10	5.5	57.8	21	52.3	44.2	55.5	50	41.2
16	7	54.6	20	47.6	40.1	52.2	45.2	37.1
20	7.8	53.1	19.5	45.2	38.2	50.7	42.8	35.2
25	8.8	51.5	19	42.8	36.2	49.1	40.4	33.2
31.25	9.8	50	18.5	40.2	34.3	47.5	37.7	31.3
62.5	14	45.1	16	31.1	28.3	42.7	28.6	25.3
100	18	41.8	14	23.9	24.2	39.3	21.3	21.2
200	26.1	36.9	11	10.8	18.2	34.3	8.2	15.2
250	29.5	35.3	10	5.8	16.2	32.7	3.2	13.2
350	35.6	31.8	8.6	-3.8	13.3	29.1	-6.5	10.3
450	41.1	28.2	8	-13	11.1	25.3	-15.8	8.1
500	43.8	26.7	8	-17.1	10.2	23.8	-20	7.2

4.Packaging method

- ◆Packaging length : 305m/reel
- ◆Packaging method : Wooden reel



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