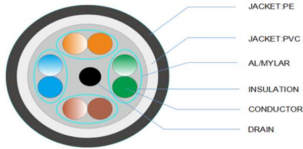


CAT6 Outdoor STP Bulk Cable

- ◆STP PE+PVC Compound Jacket /23AWG
- ◆Support 250MHz bandwidth
- ◆Support 1G Ethernet
- ◆Applied to data centers, servers, switches, wiring racks and other equipment connections
RoHS, REACH, ISO Certificates

1. Structure



Conductor	AWG	23AWG
	MATERIAL	solid Bare copper
	SIZE (mm)	1/0.57±0.008
Insulation	THICK (NOM. mm)	0.40
	MATERIAL	FM-PE+SKIN
	OD (mm)	1.40±0.05
Face Inside AL/Mylar	COVERAGE	100%
	OVERLAP	25% MIN
4P	Color	1. blue*white/blue , 2. orange*white/orange , 3. green*white/green. 4. brown*white/brown
DRAIN	MATERIAL	TC
	SIZE (mm)	1/0.51±0.008
Jacket-1	THICK (NOM. mm)	0.6
	MATERIAL	PVC
	OD (mm)	7.8±0.20
Jacket-2	THICK (NOM. mm)	0.6
	MATERIAL	PE
	COLOUR	Black
	OD (mm)	8.4±0.20
	Marking	N/A

2. Mechanical characteristic

- ◆Installation temperature : 0-50°C
- ◆Operating temperature: -45°C to 75°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 6 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	60.6	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	49.9	41.2
16	7	54.6	20	47.6	40.1	52.2	45.2	37.1
20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2
25	8.9	51.5	19	42.7	36.2	49.1	40.2	33.2
31.25	10	50	18.5	40	34.3	47.5	37.6	31.3
62.5	14.4	45.1	16	30.8	28.3	42.7	28.3	25.3
100	18.6	41.8	14	23.3	24.2	39.3	20.7	21.2
200	27.4	36.9	11	9.6	18.2	34.3	7	15.2
250	31.1	35.3	10	4.2	16.2	32.7	1.6	13.2

4. Packaging method

- ◆Packaging length : 305m/R
- ◆Packaging method : Wooden shaft Package