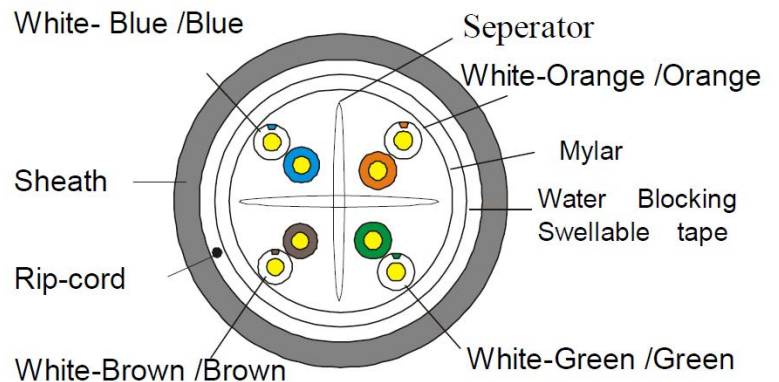


OD6823PE

23AWG CAT6 UTP Outdoor PE Network Cable

Physical Characteristics

Conductor	Solid Bare Copper
AWG	23
Conductor Diameter	0.57mm
Insulation	HDPE
Insulation Diameter	1.02~1.04mm
Polyester Tap	25x0.035mm
Aluminium Tap	28x0.25mm
Plastic Separator	4.2x0.45mm
Sheath	LLDPE
Sheath Thickness	1.4±0.1mm
Sheath Diameter	9.0±0.2mm
Color	Black



Standards

- TIA/EIA-568C.2
- ISO_IEC 11801
- YD/T 1019

Electrical Properties

Conductor Resistance (20°C)	≤9.5 Ω/ 100m
Electrical Resistance Unbalance (20°C)	≤2.5%
Insulation Resistance	>5000 MΩ·km
Pair to Ground Capacitance Unbalance (0.8 KHz or 1KHz)	≤330pF/100m
Mutual Capacitance of Pair	≤5.6nF/100m

Transmission Properties(Fluke Testing)

Frequency MHz	Zin	RL	IL	NEXT	PS NEXT	ELFEXT	PS ELFEXT
	Ω	dB/100m	dB	dB/100m	dB/100m	dB/100m	dB/100m
1.0	100±15	≤1.8	≥20.0	≥74.3	≥72.3	≥68	≥65.0
4.0		≤3.7	≥23.0	≥65.3	≥63.3	≥56.0	≥53.0
8.0		≤5.3	≥24.5	≥60.8	≥58.8	≥50.0	≥46.9
10.0		≤5.9	≥25.0	≥59.3	≥57.3	≥48.0	≥45
16.0		≤7.5	≥25.0	≥56.2	≥54.3	≥43.9	≥40.9
20.0		≤8.4	≥25.0	≥54.8	≥52.8	≥42.0	≥39.0
25.0		≤9.5	≥24.3	≥53.3	≥51.3	≥40.0	≥37.0
31.25		≤10.6	≥23.6	≥51.9	≥49.9	≥38.1	≥35.1
62.5		≤15.4	≥21.5	≥47.4	≥45.4	≥32.1	≥29.1
100		≤19.8	≥20.1	≥44.3	≥42.3	≥28	≥25
155		≤25.1	≥18.0	≥41.1	≥39.4	≥24.2	≥21.2
250		≤32.8	≥17.3	≥38.3	≥36.3	≥20	≥17.0