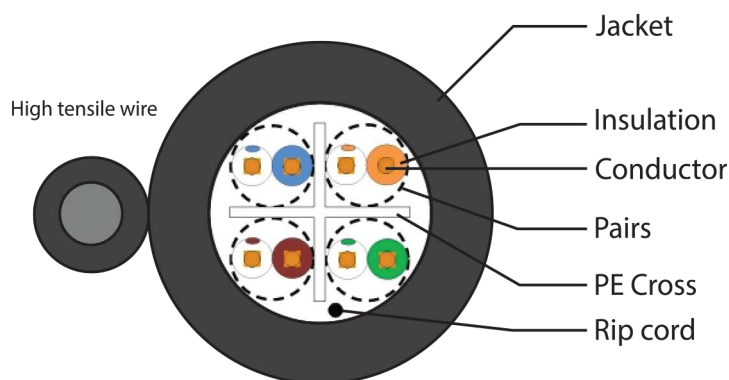


CAT6

Outdoor UTP Cable

Product Description

- Comply With Cat6 Specifications
- 4-Pair Unshielded Twisted Pair (UTP) Cable
- 24AWG Solid Copper-clad Aluminum Conductor
- PVC+PE Double Jacket
- This Cable Will Meet The Requirements of ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E



Conductor

- Material : Solid Copper-clad Aluminum
- AWG : 24AWG
- SIZE : 1/0.50+0.008mm

Insulation

- Material : HD-PE
- AVG : Thickness (nom) :0.20mmG
- Diameter : 0.90+0.50mm

Jacket

- Material : PE
- Avg. thickness: 0.65+0.10mm
- Diameter : (6.50+0.20)*(2.20+0.15)mm
- Color : Black

High tensile wire

- Material: 1.20+0.10mm Steel

Insulation Color

- 1) Blue * White/Blue
- 2) Orange * White/Orange
- 3) Green * White/Green
- 4) Brown * White/Brown

Other Properties

- Installation temperature : 0~500C
- Operating temperature : -200C to 75C
- Min bending radius : 10xOD in operation, 7xOD after operation

Cross

- Material : PE

Rip cord

- Material : Nylon CABLE LAN CAT6

Electrical characteristics

Frequency (MHz)	1	4	8	10	16	25	31.25	62.5	100
Impedance (Ω)	100 ± 15								
RL (dB)	20	23	25	25	25	24	24	22	20
Attenuation (dB/100m)	1.9	3.7	5.8	6.5	8.2	10.4	1.6	17.0	22.0
NEXT (dB/100m)	74.3	65.3	51.8	50.3	47.3	44.3	42.9	38.4	35.3
ELFEXT (dB/100m)	67.8	55.7	45.7	43.8	39.7	35.8	33.9	27.8	23.8
PS NEXT (dB/100m)	72.3	63.3	48.8	47.3	44.2	41.3	39.9	35.4	32.3
PS ELFEXT (dB/100m)	64.8	57.7	42.7	40.8	36.7	32.8	30.9	24.8	20.8
Propagation Speed (m/s)	0.65 C								

Application

- Security Video with Pan-Tilt-Zoom, IP Video
- Analog Video, LAN 10/100/1000BaseT Ethernet, Voice
- CATV-community antenna television
- CCTV-closed-circuit television
- DBS direct broadcasting satellite