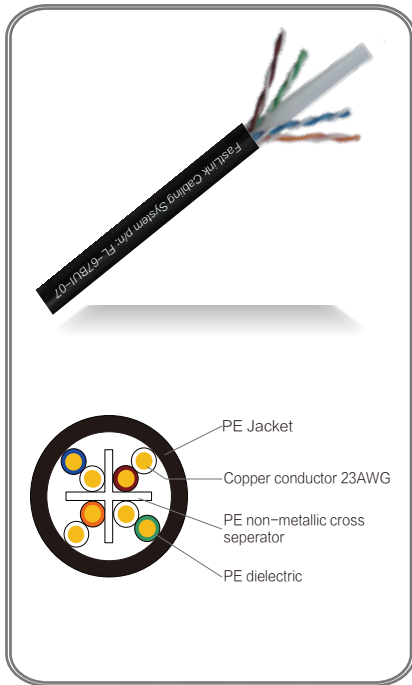




Outdoor Cat.6 Unshielded Twisted Pair Cable, U/UTP, 23AWG



Product advantage

- It adopts advanced stranding process and conforms to ANSI/TIA 568.2-D Cat.6, ISO/IEC 11801 2nd class E characteristic standard.
- The cable center adopts a cross isolation structure design to prevent pair deformation and effectively reduce crosstalk. The transmission bandwidth can reach up to 250MHz.
- Compatible with fastlinkcabsys full series copper cable connectors.
- The outer skin is made of PE, and black can effectively resist the penetration of ultraviolet rays to cause the outer skin embrittlement; Suitable for outdoor environment.
- Comply with RoHS 2011/65/EU environmental protection standards.

Product characteristics

Conductor wire gauge: bare copper wire, 0.57 ± 0.02 mm (23AWG)
 Skin material: polyethylene
 Insulation material: HDPE
 Cable outer diameter: 6.20 ± 0.30 mm
 Rated transmission speed (NVP): 65%
 Bending radius: 4xod without load
 Maximum tensile force: 25lbf or 11.34kg
 Operating temperature: -20 °C to $+75$ °C

Can be used

10/100Base-T
 1000Base-T
 2.5G/5GBase-T
 1.2/2.4 Gbps ATM
 TP-PMD(ANSI X3T9.5 100Mbps)
 4/16Mbps Token Ring
 ISDN、VoIP
 PoE+ compliant

Meet the standards

TIA/EIA 568 B.2-1 Category 6
 ANSI/TIA 568.2-D Category 6
 ISO/IEC 11801 2nd Edition Class E
 EN 50173 2nd Edition
 EN 50288-6-1
 EN 55022 Class B

Order information

Product model	Description	Packing
FL-67BUI-07	Cat.6 U/UTP Cable 23AWG PE,solid	305m/reel

Transmission performance (Typical value@ 20°C)

Frequency [MHz]	Attenuation [dB]	NEXT [dB]	PS NEXT [dB]	Return loss [dB]	ACR F [dB]	PS ACR F [dB]	Propagation Delay (ns) Max.	Delay Skew (ns) Max.
1.0	2.0	74.3	72.3	20.0	67.8	64.8	570.0	45.5
4.0	3.8	65.3	63.3	23.0	55.8	52.8	552.0	45.0
10.0	6.0	59.3	57.3	25.0	47.8	44.8	545.4	45.0
16.0	7.6	56.3	54.3	25.0	43.7	40.7	543.0	45.0
20.0	8.5	54.8	52.8	25.0	41.8	38.8	542.0	45.0
31.25	10.7	51.9	49.9	23.6	37.9	34.9	540.4	45.0
62.5	15.4	47.4	45.4	21.5	31.9	28.9	538.6	45.0
100.0	19.8	44.3	42.3	20.1	27.8	24.8	537.6	45.0
125.0	22.4	42.8	40.8	19.4	25.9	22.9	537.2	45.0
200.0	29.0	39.8	37.8	18.0	21.8	18.8	536.6	45.0
250.0	32.8	38.3	36.3	17.3	19.8	16.8	536.3	45.0