



Cat.6 cabling solutions

Product overview

FastLinkcabsys Cat.6 cabling system is an efficient network cabling solution with excellent transmission performance. It meets the transmission requirements of network rate below 5Gbps. It is applicable to the application environment with high bandwidth requirements such as enterprise level office network data, digital telephone, high-definition digital monitoring platform, and also supports the application of Industrial 4.0 Ethernet with high requirements for real-time performance and anti-interference. The system meets IEEE802.3at standard and supports PoE+ Ethernet power supply within 30W. The product has two schemes of shielding and unshielded, and a variety of colors are available to meet the classification needs of customers in different environments and subsystems. The whole series of products comply with EU 2011/65/eu (RoHS 2.0) environmental protection standards.

Product characteristics

- ✓ The cable center adopts the cross isolation structure design to effectively prevent the deformation of the wire pair and reduce the generation of crosstalk.
- ✓ ANSI/TIA 568.2-D Cat.6 ISO/IEC 2nd class E standard, with transmission bandwidth up to 250MHz.

Can be used

- 10/100Base-T
- 1000Base-T(Gigabit Ethernet)
- 1000Base-TX
- 2.5GBASE-T/5GBASE-T
- 155/622 Mbps ATM
- 1.2/2.4 Gbps ATM
- TP-PMD(ANSI X3T9.5 100Mbps)
- 4/16Mbps Token Ring
- ISDN
- VoIP(Video)
- PoE+ (PD electric equipment within 30W)
- PoH (HDBaseT)
- 1G Industry Ethernet

Meet the standards

- ANSI/TIA 568.2-D Category 6
- ANSI/TIA 942 Cat6
- ANSI/TIA 1005 Cat6
- ANSI/TIA TSB155
- ISO/IEC 11801 2nd Edition Class E
- ISO/IEC 60332-1-2
- ISO/IEC 60754-2, IEC 61034-1, IEC 61034-2
- EN 50173 2nd Edition Class E
- EN 50288-6-2: 2003
- EN 55022 Class B
- IEEE 802.11a/b/g/n/ac
- IEEE 802.3bz (NBASE-T)
- IEEE 1857
- IEEE 802.3at (PoE+)
- IEEE 1911 (PoH <Gigabit Ethernet,30W>)
- GB 50311-2016 Cat6
- GB/T 50312-2016 Cat6
- GB/T 21671-2008 Cat6
- GB 50314-2015 Cat6
- GB 50174-2017 Cat6
- WTB, MVB, ProfiBus