

CAT 6A U/UTP 26 AWG Data Slim Patch Cord, LSZH - FCP6AULSMx



DESCRIPTION

FABNET Category 6A U/UTP 26AWG Patch Cord Series are 4-pair, 26 AWG (stranded) and flexible cable structures terminated with unshielded RJ45 connectors at both ends along with strain relief boot. CAT6A patch cables are used for Gigabit Ethernet 10GBASE-T speed and 500 MHz frequency requirements. These high-performance patch cords are available in various colors and lengths. All patch cords shall be compatible with both T568A and T568B wiring schemes

APPLICATIONS

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10Gigabit Ethernet over limited distances as specified in the industry. 10GBASE-T standards)
- Digital video and broadband/baseband analog video
- Connection between wall outlets or equipment

SPECIFICATIONS & FEATURES

- Compliant with ANSI/TIA-568.2-D、ISO/IEC 11801、IEC 60603-7
- Outer Jacket: LSZH
- PASS ISO11801 Channel Class EA & TIA Cat6A Channel TEST
- Meets individual length and color-coding requirements
- PoE compliance: Rated for 1000 cycles with IEEE 802.3af / 802.3at POE ++
- RoHS、REACH

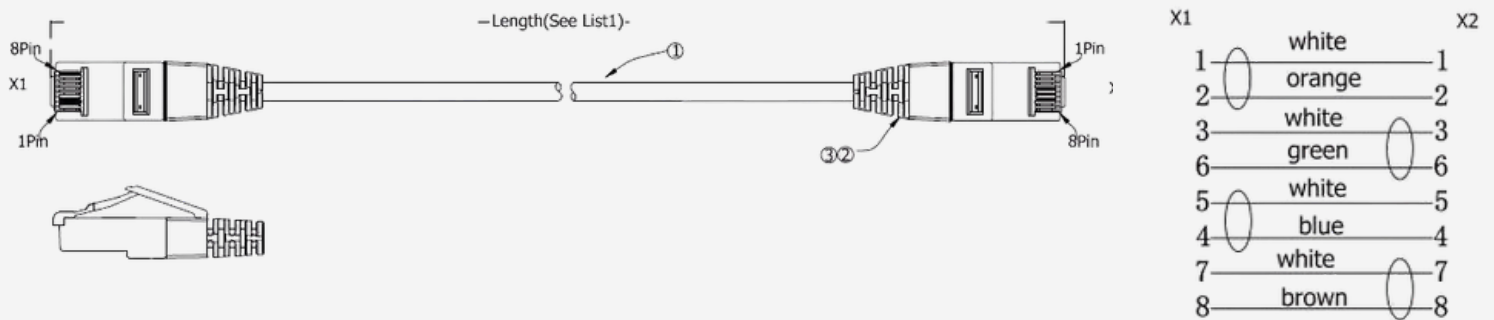
PHYSICAL PROPERTIES

Basic Conductor	26AWG Stranded copper conductor	Category	CAT 6A U/UTP
Insulation	HDPE	OD	1.00±0.05mm
Isolation Wrap	4 * Isolation Wrap	Color Code of Pairs	1.White,Blue 2.Whit,Orange 3. White,Green 4.White,Brown
Jacket	LSZH,IEC 60332-1	OD	6.1±0.30mm
Housing:	Transparent PC	Contacts:	Brass,3Prongs
Clad Layer:	Gold Plating 50u"	Operation Temperature:	-20°C~+70°C

ELECTRICAL & MECHANICAL PROPERTIES

Characteristic Impedance:	100 ohm
Conductor DC resistance:	<14.8 ohm/100m (@20°C)
Operating temperature:	-20°C to 60°C
Before Aging: Tensile Strength:	≥10.0Mpa
Elongation:	≥125%
After Aging: Tensile Strength:	≥8Mpa
Contact Resistance:	<20mΩ
Insulation Resistance:	500MΩ
Voltage Proof:	1000V AC/1 minute no breakdown
Durability:	750 cycles Min

TECHNICAL DRAWING



ORDERING INFORMATION

FCP6AULSM**

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*-Length Variants (0.5,01,02,03,05,10,15,20, Customized)

*-Colour Variants (Blue, Gray, Red, White, Green, Yellow, Black, Customized)