



Network Cable Copper

LinkIT U/FTP Slim Cat.6a blue 0,5m
LSZH | AWG 28 | Snagless | OD 4.8mm

Product number: LI-SC6AUFTP-0050-B

Product Description

LinkIT Patch Cat.6a cables stand out with their impressive 50-micron gold plating, providing exceptional corrosion protection and optimal signal transmission. Another important feature is support for the PoE++ (Power over Ethernet++) standard, enabling robust power delivery over network cables. This makes the device ideal for power-hungry applications such as cameras, access points, and other devices that require extra power.

The modular plug is equipped with a tangle-free lock that prevents annoying cable tangles and ensures a seamless connection experience. The cable comes with a high-quality clear plug, providing extra strength and protection to the cable ends and ensuring durability and reliability, even in demanding environments.

The cable's performance meets the requirements for Cat.6a (ANSI/TIA-568-C.2 and ISO 11801).

Main Specifications

Brand	LinkIT
Color	Blue
Length (m)	0,5
Category	Cat.6a Slim
Connector type 1	RJ-45 male (8P8C)
Connector type 2	RJ-45 male (8P8C)
Conductor material	Copper
Cable shielding	U/FTP - unshielded/foiled twisted pairs
Conductor design	Stranded



Extended Specifications

AWG wire size	28
Transmission speed	10Gbps
Frequency (Mhz)	500
Cable structure	4 x 2 AWG 28/1 (Solid)
Locking type	Snagless
NVP value	69%
Jacket material	LSZH
Anti-kink sleeve	Assembled
Pin Assignment	1-2;3-6;4-5;7-8
Operating Temperature	-20° ~ 60°C
Cable Diameter (mm)	4.8
Halogenfree	✓
Fire retardant version	✓
Core color 1	White, Orange
Core color 2	White, Green
Core color 3	Blue, White
Core Color 4	White, Brown
Connector contact plating	50u gold plated
Certifications	CE, REACH, RoHS

Single packaging

Unit	PCE
Quantity	1



Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																												
<p>Overview Bandwidth: 500MHz OD: 4.8mm Conductor: 28AWG Approvals: RoHS Connector: 50U" gold plated RJ45 connector</p> <p>Physical Characteristics • Cable Type – Cat6A U/FTP • Connector Type(s) – RJ45 • Wiring Scheme – T568B • Temperature Rating • Installation: 0°C–50°C • Operation: -20°C–60°C • Voltage Rating – 30V</p> <p>Conductor (Qty. 4 twisted pair) • Conductor Type – 28AWG(7/0.12±0.008mm), Stranded BC • Insulation – FMPPE • Diameter – 0.80±0.05mm • Pair Identification: • Pair1=Orange, White • Pair2=Blue, White • Pair3=Green, White • Pair4=Brown, White</p> <p>Connector Type (Qty. 2) • Connector Type – Shielded 8P8C (RJ45) • Gender – Male • Connector Material – PC • Contact Material – Copper Alloy, Gold Plating – 50U" • Hood Material – Transparent Assemble Boot</p> <p>Overall Cable • Jacket – LSZH • Minimum Average Thickness – 0.55mm • Outer Diameter – 4.8± 0.20mm</p> <p>Electrical Characteristics • Conductor DC Resistance – 80.1Ω/100m (maximum) • Impedance – 100Ω • Capacitance – 5600pf/100m • Propagation Delay – 54ns/100m (maximum) • Delay Skew – 46ns/100m (maximum) • Pass DEX 8000 Channel Test IEC 60333-1; IEC 60754 IEEE 802.3af, 802.3at, 802.3bt</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Rev.</th> <th>Rev. Date</th> <th>Modified By</th> <th colspan="2">Brief Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				Rev.	Rev. Date	Modified By	Brief Description																																					
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<p>3 RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING.</p> <p>2 MOLDED: TRANSPARENT ASSEMBLE BOOT</p> <p>1 CABLE: CAT6A U/FTP (28AWG(7/0.12±0.008BC)+AL/MYLAR)*4+DRAIN(7/0.12±0.008TC) OD: 94.8±0.2MM LSZH JACKET.</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>COLOUR</th> <th>LENGTH(M)</th> <th>TOLERANCE</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Gray; White; Black; Green; Blue</td> <td>0.5</td> <td>+20/-15mm</td> </tr> <tr> <td>1</td> <td>±20mm</td> </tr> <tr> <td>1.5</td> <td>±20mm</td> </tr> <tr> <td>2</td> <td>±30mm</td> </tr> <tr> <td>3</td> <td>±30mm</td> </tr> <tr> <td>5</td> <td>±50mm</td> </tr> <tr> <td>7</td> <td>±50mm</td> </tr> <tr> <td>10</td> <td>±80mm</td> </tr> </tbody> </table>				COLOUR	LENGTH(M)	TOLERANCE	Gray; White; Black; Green; Blue	0.5	+20/-15mm	1	±20mm	1.5	±20mm	2	±30mm	3	±30mm	5	±50mm	7	±50mm	10	±80mm																					
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