



## Network Cable Copper

### LinkIT SlimPatch U/FTP Cat6a White 3m

LSZH | AWG 28 | Snagless | OD 4.8mm

Product number: LI-SC6AUFTP-0300-W

## 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

<b>Brand</b>	LinkIT
<b>Length (m)</b>	3
<b>Category</b>	Cat.6a Slim
<b>Connector type 1</b>	RJ-45 male (8P8C)
<b>Connector type 2</b>	RJ-45 male (8P8C)
<b>Conductor material</b>	Copper
<b>Cable shielding</b>	U/FTP - unshielded/foiled twisted pairs
<b>Conductor design</b>	Stranded



## Extended Specifications

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

## Single packaging

<b>Unit</b>	PCE
<b>Quantity</b>	1



# Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																																		
<p><b>Overview</b>                      Bandwidth: 500MHz                      OD: 4.8mm                      Conductor: 28AWG                      Approvals: RoHS                      Connector: 50U" gold plated RJ45 connector</p> <p><b>Physical Characteristics</b>                      • 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><b>Conductor (Qty. 4 twisted pair)</b>                      • 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><b>Connector Type (Qty. 2)</b>                      • Connector Type – Shielded 8P8C (RJ45)                      • Gender – Male                      • Connector Material – PC                      • Contact Material – Copper Alloy, Gold Plating – 50U"                      • Hood Material – Transparent Assemble Boot</p> <p><b>Overall Cable</b>                      • Jacket – LSZH                      • Minimum Average Thickness – 0.55mm                      • Outer Diameter – 4.8± 0.20mm</p> <p><b>Electrical Characteristics</b>                      • 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>																																																				
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