



## Network Cable Copper

### LinkIT U/UTP SlimPatch Cat6a grå 0.5m

ColorFlex | AWG 28 | LSZH | OD 3.6mm

Product number: LI-SC6AUUTP-CF-005G

## Product Description

This solution is optimal for environments requiring high-density cabling, such as data centers and server rooms. The cable has an outer diameter of 3.6 mm, making it ideal for space-saving installations. Using colorful clips, cables can be easily organized and identified, simplifying maintenance and troubleshooting. To ensure that the cabling meets the highest standards for performance and reliability, the Fluke DSX-8000 Channel Test is utilized. This tool verifies cable installations and contributes to optimal network performance. Additionally, the solution is designed to ensure better airflow and cooling performance, reducing the risk of overheating and improving the overall performance and lifespan of the equipment

## Main Specifications

<b>Brand</b>	LinkIT
<b>Color</b>	Grey
<b>Length (m)</b>	0,5
<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/UTP - unshielded/unshielded 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 28/7 (Stranded)
<b>Jacket material</b>	LSZH
<b>Anti-kink sleeve</b>	Moulded PVC
<b>Operating Temperature</b>	-20°C ~ 60°C
<b>Cable Diameter (mm)</b>	3.6
<b>Halogenfree</b>	✓
<b>Fire retardant version</b>	✓
<b>Core color 1</b>	Orange
<b>Core color 2</b>	Blue
<b>Core color 3</b>	Green
<b>Core Color 4</b>	Brown
<b>Temperature</b>	0°C ~ 50°C
<b>EAN</b>	7072262018416
<b>Certifications</b>	CE, REACH, RoHS



# Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																	
		Rev.	Rev. Date	Modified By	Brief Description																														
<p><b>Overview</b>            Bandwidth: 500MHz            OD: 3.6mm            Conductor: 28AWG            Approvals: RoHS            Connector: 50U" Gold Plated RJ45 Connector</p> <p><b>Physical Characteristics</b>            • Cable Type – CAT6A UTP            • Connector Type(s) – RJ45            • Wiring Schema – T568B            • Temperature Rating            • Installation: 0°C-50°C            • Operation: -20°C-80°C            • Voltage Rating – 30V</p> <p><b>Conductor (Qty. 4 twisted pair)</b>            • Conductor Type – 28AWG(7/0.12±0.008MM), 8 stranded BC            • Insulation – HDPE            • Diameter – 0.80±0.05mm            • Pair Identification:            • Pair1=Orange, Orange-White            • Pair2=Blue, Blue-White            • Pair3=Green, Green-White            • Pair4=Brown, Brown-White</p> <p><b>Connector Type (Qty. 2)</b>            • Connector Type – 8P8C (RJ45)            • Gender – Male            • Connector Material – PC            • Contact Material – Copper Alloy, Gold Plating – 50µm            • Hood Material – PVC MOLDED BOOT</p> <p><b>Overall Cable</b>            • Jacket – LSZH            • Minimum Average Thickness – 0.80mm            • Outer Diameter – 3.6 ± 0.2mm</p> <p><b>Electrical Characteristics</b>            • Conductor DC Resistance – 11.25Ω/100m (maximum)            • Impedance – 100Ω            • Capacitance – 5600pF/100m            • Propagation Delay – 545ns/100m (maximum)            • Delay Skew – 45ns/100m (maximum)            • Pass Fluke DSX 8000 Channel Test</p>				<p><b>TOLERANCE:</b></p> <table style="font-size: small;"> <tr> <td>LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35</td> <td>ANGULAR: X: ±1° Y: ±0.3°</td> </tr> </table> <p>FILL: CHAMP=hh            R2=RAD.2mm            R3=RAD.5mm            XR=MAX 7AD.</p> <p><b>TOLERANCE GENERALES</b></p> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>LENGTH(M)</th> <th>0&lt;L&lt;1</th> <th>1≤L&lt;2</th> <th>2≤L&lt;5</th> <th>5≤L&lt;10</th> <th>L≥10</th> </tr> </thead> <tbody> <tr> <td>TOLERANCE</td> <td>+35/-15mm</td> <td>+35/-20mm</td> <td>+35/-30mm</td> <td>±50mm</td> <td>±90mm</td> </tr> </tbody> </table>		LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35	ANGULAR: X: ±1° Y: ±0.3°	LENGTH(M)	0<L<1	1≤L<2	2≤L<5	5≤L<10	L≥10	TOLERANCE	+35/-15mm	+35/-20mm	+35/-30mm	±50mm	±90mm																
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<p><b>4 COLORFUL CLIPS</b></p> <p><b>3 RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG.</b></p> <p><b>2 MOLDED: PVC MOLDED BOOT.</b></p> <p><b>1 CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.</b></p>		<table border="1" style="font-size: x-small;"> <tr> <td>ITEM NO:</td> <td>Fast Tracing CAT.6A U/UTP 28AWG 10G Patch Cable with Colorful Clips</td> <td>DRAWER</td> <td>FW</td> </tr> <tr> <td>TITLE</td> <td></td> <td>DATE</td> <td>20240424</td> </tr> <tr> <td>CHECKED</td> <td></td> <td>DATE</td> <td>20240424</td> </tr> <tr> <td>CUSTOMER</td> <td></td> <td>APPROVED</td> <td></td> </tr> <tr> <td>MATERIAL</td> <td></td> <td>DATE</td> <td></td> </tr> <tr> <td>REV.</td> <td>A</td> <td>UNIT</td> <td>MM</td> </tr> <tr> <td>DRAWING NO:</td> <td>6AU0L380712HB 180--40424171</td> <td colspan="2" style="text-align: center;"> </td> </tr> <tr> <td>ACAD FILE</td> <td>E:\</td> <td colspan="2"></td> </tr> </table>		ITEM NO:	Fast Tracing CAT.6A U/UTP 28AWG 10G Patch Cable with Colorful Clips	DRAWER	FW	TITLE		DATE	20240424	CHECKED		DATE	20240424	CUSTOMER		APPROVED		MATERIAL		DATE		REV.	A	UNIT	MM	DRAWING NO:	6AU0L380712HB 180--40424171			ACAD FILE	E:\		
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