



Network Cable Copper

LinkIT ColorFlex U/UTP Cat6a Grey 3m

SlimPatch | AWG 28 | LSZH | OD 5.2mm

Product number: LI-SC6AUUTP-CF-030G

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

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



Extended Specifications

AWG wire size	28
Transmission speed	10Gbps
Frequency (Mhz)	500
Cable structure	4 x 2 AWG 28/7 (Stranded)
Jacket material	LSZH
Anti-kink sleeve	Moulded PVC
Operating Temperature	-20°C ~ 60°C
Cable Diameter (mm)	3.6
Halogenfree	✓
Fire retardant version	✓
Core color 1	Orange
Core color 2	Blue
Core color 3	Green
Core Color 4	Brown
Temperature	0°C ~ 50°C
Certifications	CE, REACH, RoHS

Single packaging

Unit	PCE
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Dimensional Sketches

<p>RoHS COMPLIANT</p> <p>Overview Bandwidth: 500MHz OD: 3.6mm Conductor: 28AWG Approvals: RoHS Connector: 50U" Gold Plated RJ45 Connector</p> <p>Physical Characteristics • 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>Conductor (Qty. 4 twisted pair) • 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>Connector Type (Qty. 2) • Connector Type – 8P8C (RJ45) • Gender – Male • Connector Material – PC • Contact Material – Copper Alloy, Gold Plating – 50µm • Hood Material – PVC MOLDED BOOT</p> <p>Overall Cable • Jacket – LSZH • Minimum Average Thickness – 0.80mm • Outer Diameter – 3.6 ± 0.2mm</p> <p>Electrical Characteristics • 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 style="text-align: center;">L±Tmm</p> <p style="text-align: center;">P1 P2 T568B</p> <p style="text-align: center;">1 ——— 1 WHITE/ORANGE 2 ——— 2 ORANGE 3 ——— 3 WHITE/GREEN 4 ——— 4 BLUE 5 ——— 5 WHITE/BLUE 6 ——— 6 GREEN 7 ——— 7 WHITE/BROWN 8 ——— 8 BROWN</p> <p style="text-align: center;">JACKET CONDUCTOR INSULATION</p> <p style="text-align: center;">SECA-A</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">REVISION INFORMATION</th> </tr> <tr> <th>Rev.</th> <th>Rev. Date</th> <th>Modified By</th> <th>Brief Description</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <p>TOLERANCE:</p> <table style="width:100%;"> <tr> <td>LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35</td> <td>ANGULAR: X: ±1° Y: ±1° Z: ±0.30°</td> </tr> </table> <p>FILL: R2=RAD.2mm R3=RAD.5mm XR=MAX 7AD.</p> <p>CHAMF: CH C0.5=CHAM.5mm C1=CHAM.1mm</p>	REVISION INFORMATION				Rev.	Rev. Date	Modified By	Brief Description									LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35	ANGULAR: X: ±1° Y: ±1° Z: ±0.30°
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LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35	ANGULAR: X: ±1° Y: ±1° Z: ±0.30°																			
TOLERANCE GENERALES																				
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															
ITEM NO:	Fast Tracing CAT.6A U/UTP 28AWG 10G Patch Cable with Colorful Clips			DRAWER	FW															
TITLE				DATE	20240424															
CUSTOMER				CHECKED	ACE															
MATERIAL				DATE	20240424															
REV.	A	UNIT	MM	APPROVED																
DRAWING NO:	6AU0L380712HB																			
ACAD FILE	E:\																			
NO.	SPECIFICATION																			
	BOM LIST																			

