



Network Cable Copper

LinkIT U/UTP SlimPatch Cat6a grå 1.5m
ColorFlex | AWG 28 | LSZH | OD 3.6mm

Product number: LI-SC6AUUTP-CF-015G

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)	1,5
Category	Cat.6a Slim
Connector type 1	RJ-45 male (8P8C)
Connector type 2	RJ-45 male (8P8C)
Conductor material	Copper
Cable shielding	U/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
EAN	7072262018430
Certifications	CE, REACH, RoHS



Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																										
		Rev.	Rev. Date	Modified By	Brief Description																																							
<p>Overview</p> <ul style="list-style-type: none"> • Bandwidth – 500MHz • OD: 3.6mm • Conductor: 28AWG • Approvals: RoHS • Connector: 50U" Gold Plated RJ45 Connector <p>Physical Characteristics</p> <ul style="list-style-type: none"> • Cable Type – CAT6A UTP • Connector Type(s) – RJ45 • Wiring Schema – T568B <p>Temperature Rating</p> <ul style="list-style-type: none"> • Installation: 0°C-50°C • Operation: -20°C-80°C • Voltage Rating – 30V <p>Conductor (Qty. 4 twisted pair)</p> <ul style="list-style-type: none"> • Conductor Type – 28AWG(7/0.12±0.008MM), 8 stranded BC • Insulation – HDPE • Diameter – 0.80±0.05mm • Pair Identification: <ul style="list-style-type: none"> • Pair1=Orange, Orange-White • Pair2=Blue, Blue-White • Pair3=Green, Green-White • Pair4=Brown, Brown-White <p>Connector Type (Qty. 2)</p> <ul style="list-style-type: none"> • Connector Type – 8P8C (RJ45) • Gender – Male • Connector Material – PC • Contact Material – Copper Alloy, Gold Plating – 50µm • Hood Material – PVC MOLDED BOOT <p>Overall Cable</p> <ul style="list-style-type: none"> • Jacket – LSZH • Minimum Average Thickness – 0.80mm • Outer Diameter – 3.6 ± 0.2mm <p>Electrical Characteristics</p> <ul style="list-style-type: none"> • 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 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>	<p>TOLERANCE:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35</td> <td style="width: 50%; padding: 2px;">ANGULAR: X: ±1° Y: ±0°30'</td> </tr> </table> <p style="font-size: 8px;">FILL: CHAMP: CH R2=RAD.2mm C0.6=CHAM.5mm R6=RAD.6mm C1=CHAM.1mm XR=MAX 7AD.</p> <p style="text-align: center; font-weight: bold; font-size: 10px;">TOLERANCE GENERALES</p> <table style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th style="padding: 2px;">LENGTH(M)</th> <th style="padding: 2px;">0<L<1</th> <th style="padding: 2px;">1≤L<2</th> <th style="padding: 2px;">2≤L<5</th> <th style="padding: 2px;">5≤L<10</th> <th style="padding: 2px;">L≥10</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">TOLERANCE</td> <td style="padding: 2px;">+35/-15mm</td> <td style="padding: 2px;">+35/-20mm</td> <td style="padding: 2px;">+35/-30mm</td> <td style="padding: 2px;">±50mm</td> <td style="padding: 2px;">±90mm</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <td style="width: 25%; padding: 2px;">ITEM NO:</td> <td style="width: 25%; padding: 2px;">Fast Tracing CAT.6A U/UTP 28AWG 10G Patch Cable with Colorful Clips</td> <td style="width: 25%; padding: 2px;">DRAWER</td> <td style="width: 25%; padding: 2px;">FW</td> </tr> <tr> <td style="padding: 2px;">TITLE</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">DATE</td> <td style="padding: 2px;">20240424</td> </tr> <tr> <td style="padding: 2px;">CUSTOMER</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">CHECKED</td> <td style="padding: 2px;">ACE</td> </tr> <tr> <td style="padding: 2px;">MATERIAL</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">DATE</td> <td style="padding: 2px;">20240424</td> </tr> <tr> <td style="padding: 2px;">REV.</td> <td style="padding: 2px;">A</td> <td style="padding: 2px;">APPROVED</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">DRAWING NO:</td> <td style="padding: 2px;">6AU0L380712HB 180--40424171</td> <td style="padding: 2px;">DATE</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">ACAD FILE</td> <td style="padding: 2px;">E:\</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> </tr> </table>	LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35	ANGULAR: X: ±1° Y: ±0°30'	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	APPROVED		DRAWING NO:	6AU0L380712HB 180--40424171	DATE		ACAD FILE	E:\		
LINEAR: X: ±0.1 Y: ±0.5 Z: ±0.35	ANGULAR: X: ±1° Y: ±0°30'																																											
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	APPROVED																																										
DRAWING NO:	6AU0L380712HB 180--40424171	DATE																																										
ACAD FILE	E:\																																											
4	COLORFUL CLIPS																																											
3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG.																																											
2	MOLDED: PVC MOLDED BOOT.																																											
1	CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.																																											
NO.	SPECIFICATION																																											
	BOM LIST																																											

