LinkIT®

Network Cable Copper

LinkIT U/UTP SlimPatch Cat6a grå 3m
ColorFlex | AWG 28 | LSZH | OD 3.6mm

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	V
Fire retardant version	V
Core color 1	Orange
Core color 2	Blue
Core color 3	Green
Core Color 4	Brown
Temperature	0°C ~ 50°C
EAN	7072262018454
Certifications	CE, REACH, RoHS

LinkIT
Gneisveien 30
2020 Skedsmokorset
Norway

T +47 22 90 37 00
W www.linkit.eu
M linkit@linkit.eu

Visit our website:

Imported and
distributed by CBK
Distribusjon AS

RoHS COMPLIANT

	REVISION INFORMATION			
Rec.	Rec. Date	Modified By	Brief Description	

Overview
Bandwidth: 500MHz
OD: 3.6mm
Conductor: 28AWG
Approvals: RoHS
Connector: 50U" Gold Plated RJ45 Connector

Physical Characteristics
- Cable Type – CAT6A UTP
- Connector Type(s) – RJ45
- Wiring Scheme – T568B
- Temperature Rating
  - Installation: 0°C~50°C
  - Operation: -20°C~60°C
- Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)
- Conductor Type – 28AWG(7/0.12±0.008MM), Stranded BC
- Insulation – HDPE
- Diameter – 0.60±0.05mm
- Pair Identification:
  - Pair1=Orange, Orange-White
  - Pair2=Blue, Blue-White
  - Pair3=Green, Green-White
  - Pair4=Brown, Brown-White

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

Overall Cable
- Jacket – LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 3.6 ± 0.2mm

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

JACKET
CONDUCTOR
INSULATION

SEC:A-A

TOLERANCE:		
LINEAT:	ANGULAR:	
X. =±1	X.˚ =±1˚	
X =±0.5	X.˚˚ =±0°30'	
XX=±0.06		
FILLET:	CHAMFER:	
R2=RAD.2mm	C0.5=CHAM0.5mm	
R5=RAD.5mm	C1=CHAM1mm	
XR=MAX.RAD.		

P1   P2   T568B

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

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	±80mm

ITEM NO:	Fast Tracing CAT.6A U/UTP 28AWG 10G Patch Cable with Colorful Clips	DRAWER	FW
		DATE	20240424
TITLE		CHECKED	ACE
		DATE	20240424
CUSTOMER		APPROVED	
MATERIAL		SCALE		DATE	
REV.	A	UNIT	MM		
DRAWING NO:	6AU0L380712HB 180---40424171		
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