LinkIT®

Network Cable Copper

LinkIT F/UTP Slim Cat.6a Blue 0.2m
AWG 28/1 | LSZH | Snagless | 4.7mm

Product number: SFTPC6A-0020M-BL

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

Brand	LinkIT
Color	Blue
Length (m)	0,2
Category	Cat.6a Slim
Connector type 1	RJ-45 male (8P8C)
Connector type 2	RJ-45 male (8P8C)
Conductor material	Copper
Cable shielding	F/UTP - foiled shielding/unshielded twisted pairs

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

Conductor design	Solid

Extended Specifications

AWG wire size	28
Transmission speed	10Gbps
Frequency (Mhz)	500
Cable structure	4 x 2 AWG 28/1 (Solid)
Locking type	Snagless
NVP value	69%
Jacket material	LSZH
Anti-kink sleeve	Assembled
Pin Assignment	1-2;3-6;4-5;7-8
Cable Diameter (mm)	4.7
Halogenfree	V
Oil resistant	X
Fire retardant version	V
Connector contact plating	50u gold plated
Temperature	-20°C to +75°C
EAN	7072662256180
Certifications	CE, RoHS

Single packaging

GTIN f-pak	7090033548890
Unit	PCE
Quantity	1
Height (cm)	0,8
Width (cm)	7,5
Depth (cm)	7,5
Weight (kg)	0,02
Gross Weight (kg)	0,02

RoHS COMPLIANT

L±Tmm

MARKING: LINKIT CATEGORY 6A F/UTP PATCH
CABLE SOLID 28AWG LSZH

Overview
Bandwidth: 500MHz
OD: 4.7mm
Conductor: 28AWG
Approvals: RoHS
Connector: 50U" gold plated RJ45 connector

Physical Characteristics
•Cable Type – Cat6A F/UTP
•Connector Type(s) – RJ45
•Wiring Scheme – T568B
•Temperature Rating – -20°C to +75°C
•Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)
• Conductor Type – 28AWG(1/0.32), Solid Copper
• 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 – Shielded 8P8C (RJ45)
• Gender – Male
• Connector Material – PC
• Contact Material – Copper Alloy, Gold Plating 50U"
• Hood Material – TRANSPARENT ASSEMBLE

Overall Cable
• Jacket – LSZH
• Minimum Average Thickness – 0.60mm
• Outer Diameter – 4.7± 0.15mm

Electrical Characteristics
• Conductor DC Resistance – 15.2Ω/100m (maximum)
• Impedance – 100Ω
• Capacitance – 5600pf/100m
• Propagation Delay – 545ns/100m (maximum)
• Delay Skew – 45ns/100m (maximum)
• Fluke DSX 8000 Channel Test (Randomly test, not individually test)
• IEC 60332-1; IEC 60754
  IEEE 802.3af, 802.3at, 802.3bt

SEC:A-A

JACKET
INSULATION
CONDUCTOR
AL/Mylar
DRAIN

P1		P2	
1	✕	1	WHITE/ORANGE
2		2	ORANGE
3	✕	3	WHITE/GREEN
6		6	GREEN
4	✕	4	BLUE
5		5	WHITE/BLUE
7	✕	7	WHITE/BROWN
8		8	BROWN
S		S	SHIELDED

COLOUR	LENGTH(mm)	TOLERANCE
Blue-RAL5015 Green-RAL6029 Grey-RAL7035 White-RAL9003 Red-RAL3031	200	±15mm
	300	±15mm
	500	±15mm
	750	±15mm
	1000	±20mm
	1500	±20mm
	2000	±30mm
	2500	±30mm
	3000	±30mm
	3500	±30mm
	4000	±30mm
	4500	±30mm
	5000	±30mm
	7500	±60mm
	10000	±80mm

ITEM NO:	LinkIT F/UTP Slim CAT.6A 28AWG Patch Cable		DRAWER	LY
			DATE	20181218
TITLE			CHECKED	MTC
			DATE	20181218
CUSTOMER			APPROVED	
MATERIAL		SCALE	DATE	
REV.	A	UNIT	MM	
DRAWING NO:	81218094			
ACAD FILE	E:\			

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG; NICKEL PLATED SHIELDED.	
2	MOLDED: TRANSPARENT ASSEMBLE BOOT .	
1	CABLE: CAT6A F/UTP 4P/28AWG(1/0.32BC)+D(7/0.12TC)+AL/Mylar OD=Ø4.7±0.15mm LSZH JACKET.	
NO.	SPECIFICATION	Q'TY

BOM LIST