

## **Network Cable Copper**

LinkIT U/UTP Slim Cat.6a Black 0,2m

AWG 28/7 | LSZH | Snagless | 3,6mm

Product number: SUTPC6A-0020M-SV

# **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).

Brand	LinkIT	
Color	Black	
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	U/UTP - unshielded/unshielded twisted pairs	
Conductor design	Stranded	

### Main Specifications

# **Extended** Specifications

AWG wire size	28
Transmission speed	10Gbps
Frequency (Mhz)	500

LinklT Gneisveien 30 2020 Skedsmokorset Norway

T +47 22 90 37 00 W <u>www.linkit.eu</u> M linkit@linkit.eu

#### Visit our website:



Imported and distributed by CBK Distribusjon AS



Cable structure	4 x 2 AWG 28/7 (Stranded)				
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)	3.6				
Halogenfree	V				
Fire retardant version	V				
Connector contact plating	50µin gold plated				
Temperature	-20°C to + 75°C				
Certifications	CE, RoHS				

# Single packaging

Unit	PCE	
Quantity	1	

LinkIT Gneisveien 30 2020 Skedsmokorset Norway T +47 22 90 37 00 W <u>www.linkit.eu</u> M linkit@linkit.eu Visit our website:



Imported and distributed by CBK Distribusjon AS

# 

# **Dimensional** Sketches

RoHS COMPLIANT

Orchome         Building Statuting       Statuting         Building Statuting       Statuting         Conductor: 28AWG       Approvale: RohtS         Conductor: 28AWG       Approvale: RohtS         Conductor: 28AWG       Statuting         Provide Characteristics       Image: Statuting         - Conductor: 20AWG       Statuting									
• Pai/3eGreen, Green-White         • Pai/3eGreen, Green-White           • Pai/3eGreen, Green-White         • Pai/3eGreen, Green-White           • Connector Type (By, 2)         P1         P2           • Gender - Male         500         ±15mm           • Connector Material - Copper Alloy, Gold Plating 50U"         1         1         WHITE/ORANGE           • Contact Material - Copper Alloy, Gold Plating 50U"         2         0         COANGE           • Hood Material - TRANSPARENT ASSEMBLE         3         WHITE/GREEN         Blue-RAL5015         Green-RAL6029           • Hood Material - TSAH         4         4         BLUE         Green-RAL6029         2000         ±30mm           • Valcet - LS2H         4         4         BLUE         Green-RAL6029         3000         ±30mm           • Under Dameter - 3.6 ± 0.2mm         5         WHITE/BROWN         5         5         WHITE/BROWN           • Conductor DC Resistance - 24.20/100m (maximum)         5         0         300mm         4000         ±30mm           • Conductor DC Resistance - 24.20/100m (maximum)         *         8         BROWN         TITLE         CHECKED         NTC           • Conductor DC Resistance - 24.20/100m (maximum)         *         8         BROWN         TITLE <td< th=""><th>Bandwith: 500MHz OD: 3.6mm Conductor: 28AWG Approvals: RoHS Connector: 50U" gold plated RJ45 connector Physical Characteristics - Cable Type - Cat6A UTP - Connector Type(s) – RJ45 - Vivling Scheme – T560°C to +75°C - Vivling Scheme – T560°C to +75°C - Voltage Rating – 30° Conductor (Dy. 4 twisted pair) - Conductor (Dy. 4 twisted pair) - Conductor Type – 28AWG(7/0.12), Stranded Bare Copper - Insulation – HDPE - Diameter – 0.602.0.05mm - Pair Identification: - Pair Identification:</th><th></th><th></th><th></th><th>A</th><th>EGORY 6A</th><th></th><th>atch ca</th><th></th></td<>	Bandwith: 500MHz OD: 3.6mm Conductor: 28AWG Approvals: RoHS Connector: 50U" gold plated RJ45 connector Physical Characteristics - Cable Type - Cat6A UTP - Connector Type(s) – RJ45 - Vivling Scheme – T560°C to +75°C - Vivling Scheme – T560°C to +75°C - Voltage Rating – 30° Conductor (Dy. 4 twisted pair) - Conductor (Dy. 4 twisted pair) - Conductor Type – 28AWG(7/0.12), Stranded Bare Copper - Insulation – HDPE - Diameter – 0.602.0.05mm - Pair Identification: - Pair Identification:				A	EGORY 6A		atch ca	
Pard#Brown, Brown-White      Connector Type (afty, 2)     Connector Material – PC     Contact Material – Copper Alley, Gold Plaing 50U*     Contact Material – State 152H     Contact Material – State 152H     Contact Material – State 152H     Contact Plainester – 3.6 ± 0.2mm     Conductor DC Resistance – 24.2(D/100m (maximum)     Capacitance – 5600pf/100m     Capacitance – 100     Capacita	<ul> <li>Pair3=Green, Green-White</li> </ul>					COL	OUR	LENG	TH(mm) TOLERANCE
• Capacitance - 5800pf100m       ITEM NO:       Patch Cable       DATE       20181218         • Propagation Delay - 545x1100m (maximum)       • Delay Skew - 45x5/100m (maximum)       • TITLE       CHECKED       MTC         • Dicke DSX 8000 Channel Test ( Randomly test, not individually test)       • EC 60332-11 IEC 60754       CUSTOMER       APPROVED       DATE       20181218         3       RJ45 PLUG: 8P8C 500" GOLD PLATED TWO-PIECE PLUG.       REV.       A       UNIT       MM         2       MOLDED: TRANSPARENT ASSEMBLE BOOT .       DRAWING       81218093       ORAWING       81218093         NO:       SPECIFICATION       QTY       ACAD EU F       F.)       F.)	Connector Type (Qty. 2) • Connector Type – 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 Dlameter – 3.6 ± 0.2mm Electrical Characteristics • Conductor DC Resistance – 24.20/100m (maximum)	P1 P2	ORANGE WHITE/GREEN GREEN BLUE WHITE/BLUE WHITE/BROWN	8		Green-I Grey-F White-F Red-R	RAL6029 RAL7035 RAL9003 RAL3031	1 1 2 2 3 3 3 3 3 4 4 4 5 5 7 7	300         ±15mm           500         ±15mm           750         ±15mm           500         ±20mm           500         ±20mm           500         ±30mm           500         ±80mm
Oplay Skew - 45/inf100m (maxhum)         Inite         Date         20181218           Flicke DSX 8000 Channel Test (Randomly test, not individually test)         ECC 60734         EUSTOMER         APPROVED         20181218           IECE 80322-1; IEC 60754         IEEE 802.3dr, 602.3at, 802.3at, 802.3at         SCALE         DATE         20181218           3         RJ45 FLIGG 80784         IEEE 802.3dr, 602.3at, 802.3at         SCALE         DATE         DATE           2         MOLDED: TRANSPARENT ASSEMBLE BOOT .         Intel State         DRAWING         NOI         State         DATE         State           1         CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.         NO:         State	Capacitance – 5600pf/100m				ITEM NO:			6A 28AVVG	
Fluke DSX 8000 Channel Test (Randomly test, not individually test)     · Elcc 60332.1; IEC 60754     IECE 802.34f, 802.34t, 802.34t     IECE 802.34f, 802.34t, 802.34t     IECE 802.34f, 802.34t     IECE 802.34t     IECE 802.34f, 802.34t     IECE 802.34t     IEEE 802.34f, 802.34t     IEEE 802.34f, 802.34t     IEEE 802.34t					TITLE				
IEEE 802.3af, 802.3at,	Fluke DSX 8000 Channel Test ( Randomly test, not individually test)				CUSTOMER				
2     MOLDED: TRANSPARENT ASSEMBLE BOOT.     DRAWING       1     CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.     DRAWING       NO.     SPECIFICATION     QTY					MATERIAL		SCALE		DATE
1         CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.         NO:         81218093           NO.         SPECIFICATION         Q'TY         ACAD FILE         F.)	3 RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLU	JG.			REV.	А	UNIT	MM	
NO. SPECIFICATION QTY ACAD FILE F1					812180	193	<b></b>	1	
				NO:	012100	555	TP-	Limber	
	BOM LIST		Q'TY	ACAD FILE	E:\			LINKII	

LinkIT Gneisveien 30 2020 Skedsmokorset Norway T +47 22 90 37 00 W <u>www.linkit.eu</u> M linkit@linkit.eu Visit our website:



Imported and distributed by CBK Distribusjon AS