

Network Cable Copper

LinkIT U/UTP Slim Cat.6a Black 0.75m

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

Product number: SUTPC6A-0075M-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).

twisted pairs

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 Plaineter – 3.6 ± 0.2mm Conductor DC Resistance – 24.2(D/100m (maximum) Capacitance – 5600pf/100m Capacitance – 100A CHECKED Matterial – CALLE CHECKED Matterial – CHECKED Matterial Custromer Apperoved DATE ZO181218 Custro	 Pair3=Green, Green-White 					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 4 4 4 5 5 7 7	300 ±15mm 500 ±15mm 750 ±15mm 900 ±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 80764 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 IECE 802.34f, 802.34t IECE 802.34f, 802.34t IEEE 802.34f, 80					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		1
					NO:	012100	555	TP-	Limber
	IO. SPECIFICATION BOM LIST			Q'TY	ACAD FILE	E:\			LINKI

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