



Network Cable Copper

LinkIT U/UTP Slim Cat.6a Black 3 m AWG 28/7 | LSZH | Snagless | 3,6mm

Product number: SUTPC6A-0300M-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).

Main Specifications

| Brand | LinkIT |
|--------------------|---|
| Color | Black |
| 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 |
| | |

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

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Extended Specifications

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

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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 - TSZH 4 4 BLUE Green-RAL6029 2000 ±30mm • Valcet - LSZH 4 4 BLUE Green-RAL6029 3000 ±30mm • Under Dameter - 3.6 ± 0.2mm 5 WHITE/BROWN 8 BROWN 5000 ±30mm • Conductor DC Resistance - 24.20/100m (maximum) 6 GREEN 8 BROWN 100000 ±80mm • Copagation Delay - 545ms/100m (maximum) • Mite-RAL3031 4000 ±30mm 10000 ±80mm • Copagation Delay - 545ms/100m (maximum) • Edes03.3 is 802.3ait 8 | 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: | | | | | 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 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 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 | | | | | | 81218093 | | 1 | | |
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