



Network Cable Copper

LinkIT U/UTP Outdoor Patch Cat6a 5m
 AWG24 | PUR | OD 6mm | Black

Product number: LI-C6AUUTP-OUT-005BK

Product Description

The LinkIT Outdoor Cat6a U/UTP patch cable is designed to meet industrial standards and offers high performance with a range of technical specifications. The cable is made of pure copper with an AWG 24/7 structure, providing a conductor diameter of 0.20 mm. It features 50 μ gold-plated connectors and has an outer diameter of 6 mm. The cable's protection includes a halogen-free and flame-retardant PUR sheath, ensuring long-lasting durability. The LinkIT cable is tested with DSX Fluke Channel to guarantee quality. It has an ultra-short molded boot and tangle-free latch plugs that prevent snags and provide easy release. The cable is designed to operate effectively within a temperature range of -40°C to +80°C.

Main Specifications

Brand	LinkIT
Color	Black
Length (m)	5
Category	Cat.6a
Connector type 1	RJ-45 male (8P8C)
Connector type 2	RJ-45 M (8P8C)
Conductor material	Copper
Cable shielding	U/UTP - unshielded/unshielded twisted pairs
Conductor design	Stranded



Extended Specifications

AWG wire size	24
Transmission speed	10Gbps
Frequency (Mhz)	500
Jacket material	PUR
Operating Temperature	-40°C - 80°C
Cable Diameter (mm)	6
Halogenfree	V
Core color 1	Orange
Core color 2	Blue
Core color 3	Green
Core Color 4	Brown
Connector contact plating	50 µin gold plated
EAN	7072262020303
Certifications	CE, RoHS



Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																											
Overview	Physical Characteristics	Conductor (Qty. 4 twisted pair)	Connector Type (Qty. 2)	Overall Cable	Electrical Characteristics																																								
Bandwidth: 500MHz OD: 8.0mm Conductor: 24AWG Approvals: RoHS Connector: 50U" gold plated RJ45 connector	Cable Type – Cat6A UTP Connector Type(s) – RJ45 Wiring Scheme – T568B Temperature Rating • Installation: 0°C–50°C • Operation: -40°C–80°C Voltage Rating – 30V	Qty. 4 twisted pair • Conductor Type – 24AWG(7/0.20±0.008mm), Stranded BC • Insulation – HDPE • Diameter – 1.00±0.05mm Pair identification: • Pair1=Orange, White/Orange • Pair2=Blue, White/Blue • Pair3=Green, White/Green • Pair4=Brown, White/Brown	Connector Type – 8P8C (RJ45) Gender – Male Connector Material – PC Contact Material – Copper Alloy, Gold Plating 50U" Hood Material – Molded PVC	Jacket – PUR Minimum Average Thickness – 0.50mm Outer Diameter – 8.0 ± 0.20mm	Conductor DC Resistance – 11.25Ω/100m (maximum) Impedance – 100Ω Capacitance – 5800pf/100m Propagation Delay – 545ns/100m (maximum) Delay Skew – 46ns/100m (maximum) PASS DSX 8000 Fluke Channel link Test IEC 60332-1; IEC 60754 IEEE 802.3af, 802.3at, 802.3bt																																								
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