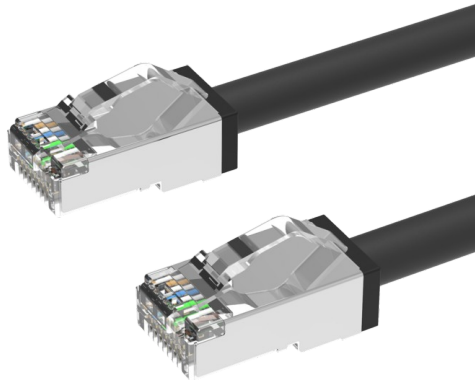


Network Cable Copper



LinkIT S/FTP Outdoor Patch Cat6a 20m
AWG26 | PUR | OD 6mm | Black

Product number: LI-C6ASFTP-OUT-020BK

Product Description

The LinkIT Outdoor Cat6a S/FTP patch cable is designed to meet industrial standards for high performance and reliability. The cable features pure copper conductors with an AWG 26/7 structure and a conductor diameter of 0.16 mm. It is equipped with 50 µm gold-plated connectors and has an outer diameter of 6 mm. The cable is protected by a halogen-free and flame-retardant PUR sheath, ensuring durability and safety. It has been tested with DSX Fluke Channel to guarantee quality. The cable includes an ultra-short molded boot and tangle-free latch plugs that prevent snags and provide easy release. It is designed to operate effectively within a temperature range of -40°C to +80°C.

Main Specifications

Brand	LinkIT
Color	Black
Length (m)	20
Category	Cat.6a
Connector type 1	RJ-45 male (8P8C)
Connector type 2	RJ-45 M (8P8C)
Conductor material	Copper
Cable shielding	S/FTP - braided shielding/foiled twisted pairs
Conductor design	Stranded



Extended Specifications

AWG wire size	26
Transmission speed	10Gbps
Frequency (Mhz)	500
Jacket material	PUR
Operating Temperature	-40°C - 80°C
Cable Diameter (mm)	6
Core color 1	Orange
Core color 2	Blue
Core color 3	Green
Core Color 4	Brown
Connector contact plating	50 µin gold plated
EAN	7072262020211
Certifications	CE, RoHS



Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																																							
Rec.	Rec. Date	Modified By	Brief Description																																						
<p>Overview Bandwidth: 500MHz OD: 6.0mm Conductor: 26AWG Approvals: RoHS Connector: 50U* gold plated RJ45 connector</p> <p>Physical Characteristics • Cable Type – Cat6A S/FTP • Connector Type(s) – RJ45 • Wiring Scheme – T568B • Temperature Rating • Installation: 0°C–50°C • Operation: –40°C–80°C • Voltage Rating – 30V</p> <p>Conductor (Qty. 4 twisted pair) • Conductor Type – 26AWG(7/0.16±0.008mm), Stranded BC • Insulation – FMFPE • Diameter – 1.04±0.05mm • Pair Identification: • Pair1=Orange, White • Pair2=Blue, White • Pair3=Green, White • Pair4=Brown, White</p> <p>Connector Type (Qty. 2) • Connector Type – 8P8C (RJ45) • Gender – Male • Connector Material – PC • Contact Material – Copper Alloy, Gold Plating 50U* • Hood Material – Molded PVC</p> <p>Overall Cable • Jacket – PUR • Minimum Average Thickness – 0.60mm • Outer Diameter – 6.0 ± 0.20mm</p> <p>Electrical Characteristics • Conductor DC Resistance – 17.9Ω/100m (maximum) • Impedance – 100Ω • Capacitance – 5800pF/100m • Propagation Delay – 545ns/100m (maximum) • Delay Skew – 45ns/100m (maximum) • Pass Fluke DSX 8000 Channel link Test IEC 90332-1; IEC 90754 IEEE 802.3af, 802.3at, 802.3bt</p>																																									
<p>Overall Cable</p> <p>1 – 1 WHITE/ORANGE 2 – 2 ORANGE 3 – 3 WHITE/GREEN 4 – 4 BLUE 5 – 5 WHITE/BLUE 6 – 6 GREEN 7 – 7 WHITE/BROWN 8 – 8 BROWN S – S SHIELDED</p>																																									
<p>TOLERANCE:</p> <p>LINEAT: X, ±0.5 X, ±0.5 X, ±0.05</p> <p>ANGULAR: X, ±1° X, ±0°30'</p> <p>FILLET: R2=RAD.2mm R5=RAD.5mm XR=MAX RAD.</p> <p>CHAMFER: C0.5=CHAM0.5mm C1=CHAM1mm</p>		<p>TOLERANCE GENERALES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>LENGTH(M)</th> <th>0<L<1</th> <th>1≤L<2</th> <th>2≤L<5</th> <th>5≤L<10</th> <th>L≥10</th> </tr> </thead> <tbody> <tr> <td>TOLERANCE</td> <td>+3S/-15mm</td> <td>+3S/-20mm</td> <td>+3S/-30mm</td> <td>±50mm</td> <td>±80mm</td> </tr> </tbody> </table>				LENGTH(M)	0<L<1	1≤L<2	2≤L<5	5≤L<10	L≥10	TOLERANCE	+3S/-15mm	+3S/-20mm	+3S/-30mm	±50mm	±80mm																								
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<p>3 RJ45 PLUG: 8P8C 50U* GOLD PLATED TWO-PIECE PLUG SHIELDED NICKEL PLATING .</p> <p>2 MOLDED:PVC MOLDED BOOT .</p> <p>1 CABLE: CAT6A S/FTP [1P/26AWG(7*0.16±0.008BC)+AL/MYLAR]*4+BRAID(16*5/0.12AL-MG) OD=Ø6.0±0.20MM PUR JACKET.</p>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>ITEM NO:</td> <td>Industrial & Outdoor CAT.6A S/FTP 26AWG 10G Ethernet Cable with Ultra Short Boot</td> <td>DRAWER</td> <td>FW</td> </tr> <tr> <td>TITLE</td> <td></td> <td>DATE</td> <td>20240713</td> </tr> <tr> <td>CUSTOMER</td> <td></td> <td>CHECKED</td> <td>ACE</td> </tr> <tr> <td></td> <td></td> <td>DATE</td> <td>20240713</td> </tr> <tr> <td>MATERIAL</td> <td></td> <td>APPROVED</td> <td></td> </tr> <tr> <td></td> <td></td> <td>DATE</td> <td></td> </tr> <tr> <td>REV.</td> <td>A</td> <td>UNIT</td> <td>MM</td> </tr> <tr> <td>DRAWING NO:</td> <td>6ASFU800718FB 181-40713101</td> <td colspan="2" style="text-align: center;"> </td> </tr> <tr> <td>ACAD FILE</td> <td>E:\</td> <td colspan="2"></td> </tr> </table>				ITEM NO:	Industrial & Outdoor CAT.6A S/FTP 26AWG 10G Ethernet Cable with Ultra Short Boot	DRAWER	FW	TITLE		DATE	20240713	CUSTOMER		CHECKED	ACE			DATE	20240713	MATERIAL		APPROVED				DATE		REV.	A	UNIT	MM	DRAWING NO:	6ASFU800718FB 181-40713101			ACAD FILE	E:\		
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