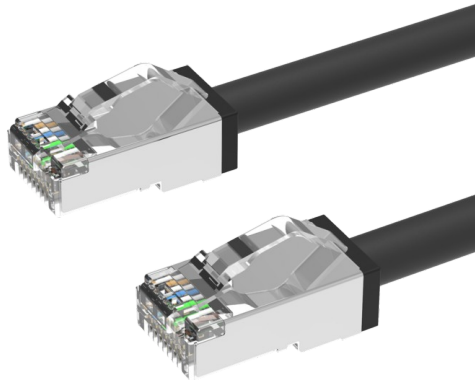


## Network Cable Copper



**LinkIT S/FTP Outdoor Patch Cat6a 15m**  
AWG26 | PUR | OD 6mm | Black

Product number: LI-C6ASFTP-OUT-015BK

### 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

<b>Brand</b>	LinkIT
<b>Color</b>	Black
<b>Length (m)</b>	15
<b>Category</b>	Cat.6a
<b>Connector type 1</b>	RJ-45 male (8P8C)
<b>Connector type 2</b>	RJ-45 M (8P8C)
<b>Conductor material</b>	Copper
<b>Cable shielding</b>	S/FTP - braided shielding/foiled twisted pairs
<b>Conductor design</b>	Stranded



## Extended Specifications

<b>AWG wire size</b>	26
<b>Transmission speed</b>	10Gbps
<b>Frequency (Mhz)</b>	500
<b>Jacket material</b>	PUR
<b>Operating Temperature</b>	-40°C - 80°C
<b>Cable Diameter (mm)</b>	6
<b>Core color 1</b>	Orange
<b>Core color 2</b>	Blue
<b>Core color 3</b>	Green
<b>Core Color 4</b>	Brown
<b>Connector contact plating</b>	50 µin gold plated
<b>EAN</b>	7072262020204
<b>Certifications</b>	CE, RoHS



# Dimensional Sketches

RoHS COMPLIANT		REVISION INFORMATION																											
Rec.	Rec. Date	Modified By	Brief Description																										
<p><b>Overview</b>            Bandwidth: 500MHz            OD: 6.0mm            Conductor: 26AWG            Approvals: RoHS            Connector: 50U* gold plated RJ45 connector</p> <p><b>Physical Characteristics</b>            • 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><b>Conductor (Qty. 4 twisted pair)</b>            • Conductor Type – 26AWG(7/0.16±0.008mm), Stranded BC            • Insulation – FMPE            • Diameter – 1.04±0.05mm            • Pair Identification:            • Pair1=Orange, White            • Pair2=Blue, White            • Pair3=Green, White            • Pair4=Brown, White</p> <p><b>Connector Type (Qty. 2)</b>            • Connector Type – 8P8C (RJ45)            • Gender – Male            • Connector Material – PC            • Contact Material – Copper Alloy, Gold Plating 50U*            • Hood Material – Molded PVC</p> <p><b>Overall Cable</b>            • Jacket – PUR            • Minimum Average Thickness – 0.60mm            • Outer Diameter – 6.0 ± 0.20mm</p> <p><b>Electrical Characteristics</b>            • 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><b>Overall Cable</b></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><b>TOLERANCE</b></p> <p>LINEAT: X, ±0.1            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><b>TOLERANCE GENERALES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>LENGTH(M)</th> <th>0&lt;L&lt;1</th> <th>1≤L&lt;2</th> <th>2≤L&lt;5</th> <th>5≤L&lt;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 &amp; 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></td> <td></td> <td>APPROVED</td> <td></td> </tr> <tr> <td></td> <td></td> <td>DATE</td> <td></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			APPROVED				DATE	
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