

**Model** : ATZ STPCAT7.xxM.BK-ROUND

**Description:** CAT.7 S/FTP LSZH NETWORK PATCHCORD (BLACK) ROUND Stranded 26AWG  
7/0.16 BC 600MHz OD: 6.0mm (0.5m\_to\_100m)



Cat.7 network patch cable is the ideal solution for indoor data center applications, supporting up to 10GBase-T and 600MHz up to 100m distance. It supports backward compatibility to Cat5E/6/6A. ATZ Cat.7 patchcords uses Pure Bare Copper that ensures high electrical conductivity and low signal transmission attenuation. The jacket material is LSZH which means '*Low Smoke Zero Halogen*'. When the cable ignites or when the cable comes in contact with high temperatures, such as fire, a cable with LSZH will produce less smoke and there is no release of hazardous gas, due to the presence of thermoplastic.

## Features:

- Category 7 bulk cable assembly with overall braid shield around individually foil shielded twisted pairs (S/FTP)
- IEC 60332-1, 60754 & 61034 verified LSZH (low smoke zero halogen) jacket in black
- 26AWG Stranded conductors for flexibility
- Compatible to 10Gbps Category 7 applications
- High bandwidth up to 600 MHz guarantees high-speed data transmission for cloud storage and support networks of 10/100/1000Mbps/10 Gbps, It can provide higher-speed, stable data transfer for Cloud storage, online gaming, Video conferencing, Livestreaming.

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- Additional shielding and improved quality in twisting of the wires that provides better prevention from crosstalk, noise, and interference
- High speed solution for connecting LAN networking equipments such as PCs, computer servers, printers, routers, switch boxes, network media players, NAS, VoIP phones, POE devices, and more.

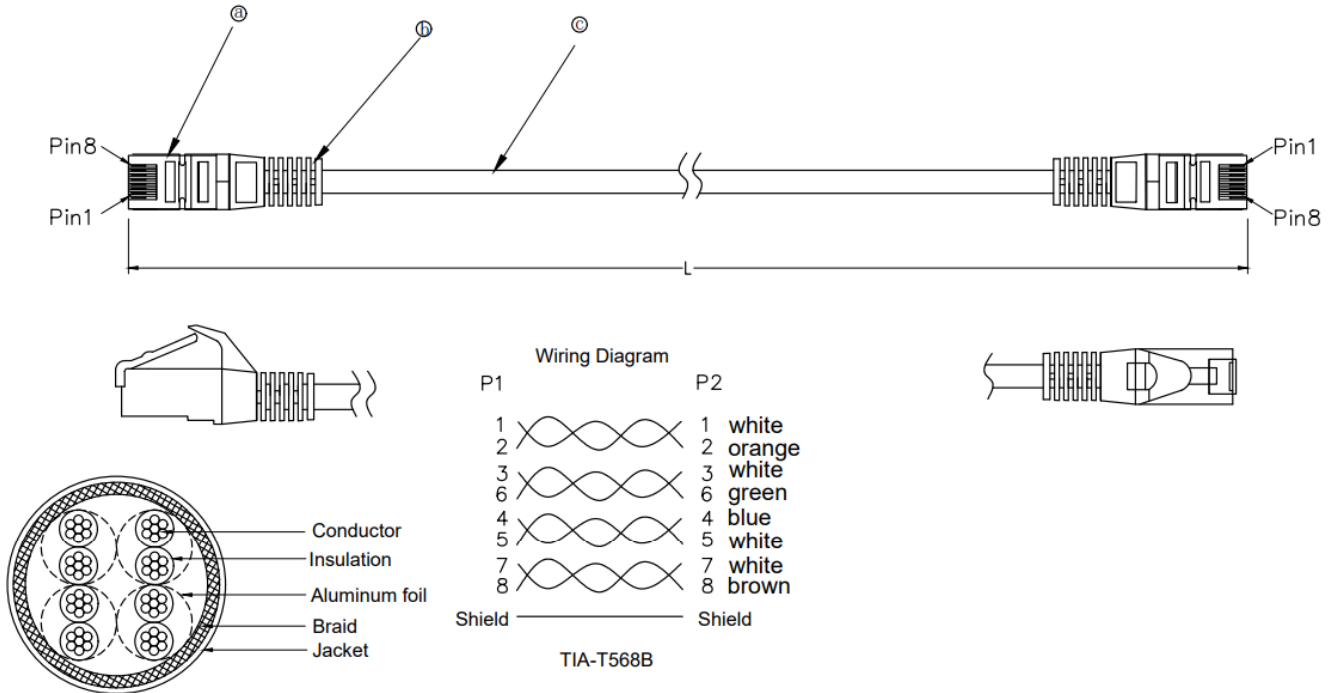
### Specifications:

Cable type	S/FTP (overall braided shield over pair-in-metal-foil)
Cable construction	4 Twisted Pairs
Jacket Material	LSZH (low smoke zero halogen)
Jacket Colour	Black
Length	0.5m to 100m
Conductor	Stranded Pure Bare Copper
Connector	RJ45 shielded crystal head w/50µ" gold contacts
Data Speed	10GBase-T
Frequency	600MHz
Gauge (AWG)	26 (7/0.16mm)
Cable Outer Diameter (mm)	6.0 ± 0.3
Max Transmission Distance	100m
Wire Scheme	T568B, Straight
Standards	ISO, IEC, UL, TIA, ANSI, RoHS
Operating Temperature	-20 to +80°C (-4 to 167°F)
Installation Temperature	-10 to +50°C (14 to 122°F)

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**Product Diagram:**



<b>ATZ</b>		<b>Article No.:</b>	
<b>Name:</b> ATZ SFTPCAT7.xxM.BK		<b>Date:</b> 2021.10.15	<b>Edition:</b> A/0
<b>Customer code:</b>		<b>Scale:</b> /	<b>Unit:</b> mm
<b>PIN:</b>		<b>Sheet:</b> A4	
<b>Approved by:</b>		<b>Designed by:</b> JASON	

No.	Mat.Name	Description
c	Cable	S/FTP(PIMF) CAT7 CABLE AWG26/7 (7/0.16±0.008BC)*4P+ AL +B(80*0.12 Al-mg wire braiding) LSZH, OD6.0±0.2MM
b	Overmold	PVC
a	Connector	RJ45 8P8C , Gold-plated housing, Gold plated pin contact 50u"

**Warranty: 3 Years**

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.