

SEC6AFFTPLSZH-B2CA

500MHz

500m

B2ca

LSZH

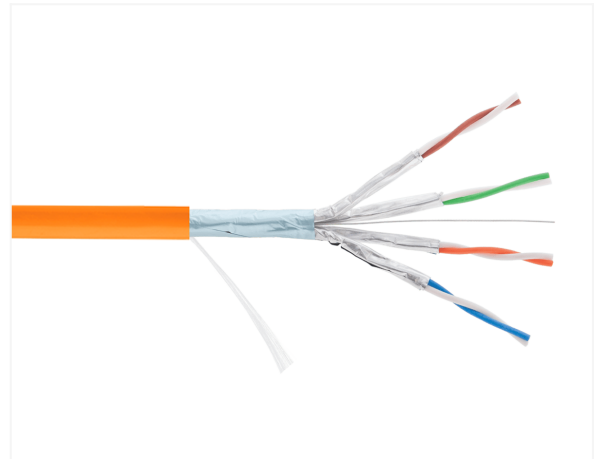
## securityNET cable F/FTP cat. 6A LSZH B2ca 500m

The securityNET Category 6A F/FTP installation twisted-pair cable is a four-pair data transmission cable designed for indoor telecommunications and structured cabling installations. It is intended for connecting network devices such as computers, routers, switches, and IP CCTV cameras.

Double shielding, consisting of an individual foil shield around each pair and an overall foil screen, effectively reduces electromagnetic interference and crosstalk.

Solid copper conductors ensure stable data transmission and compliance with Category 6A requirements, including Power over Ethernet (PoE) applications. The cable is commonly used in LAN networks and IP surveillance systems.

The cable complies with the requirements of the ISO/IEC 11801, EN 50173, and EIA/TIA 568-C.2 standards.



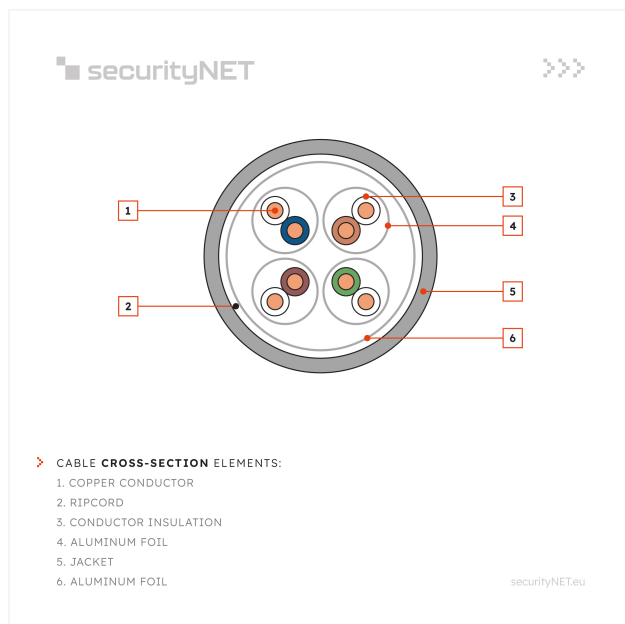
## Technical specifications

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<b>Outer diameter</b>	7,4mm
<b>Category/class</b>	6A (Ea class)
<b>Shielding</b>	F/FTP
<b>Copper conductor thickness/AWG</b>	AWG23
<b>Wires</b>	solid wire
<b>Conductors</b>	copper
<b>Conductor insulation</b>	PE 1,35mm
<b>Coating thickness</b>	0,5mm
<b>Outer sheath</b>	LSZH
<b>CPR class</b>	B2ca
<b>Cable construction</b>	4x2



Bend radius at installation	60mm
Impedance	100Ω
Delay Skew	≤45
Nominal propagation velocity (NVP)	74%
Linear Resistance (max.)	9,5 (Ω/100m)
Pair separator	not
Operating temperature	from -20°C to 70°C
Installation temperature	from -5°C to 60°C
Quantity per package	500m
Insulation color	RAL 2004
RoHS	yes



### Low smoke, zero halogen (LSZH) jacket for enhanced safety

Compliant with EU CPR regulations, our LSZH (Low Smoke Zero Halogen) cables offer enhanced safety by minimizing fire hazards and toxic emissions. In the event of a fire, these cables significantly reduce the spread of flames and generate minimal smoke and harmful fumes, protecting building occupants and facilitating safe evacuation. securityNET provides a comprehensive range of LSZH cables, designed to meet the specific requirements of your project, ensuring both safety and compliance.

### A dependable network you can trust

The securityNET twisted pair cable is made of the highest quality copper, making it the optimal choice for building connections designed to last for years. It has undergone rigorous strength tests over a 90-meter length using a Fluke Networks DSX-8000 meter. Therefore, if you are seeking materials with exceptional durability, this is an excellent option.