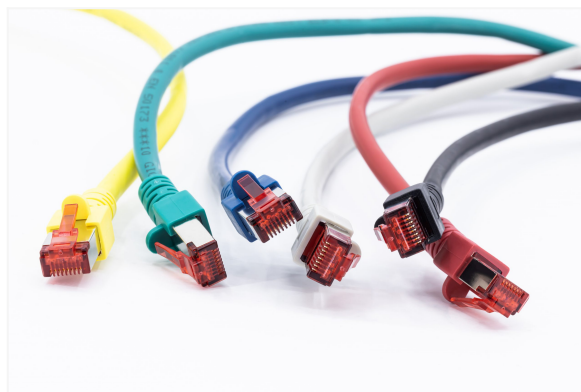# securityNET

PC-6ASFTPLSZH-xxxx   Category 6A   S/FTP   LSZH
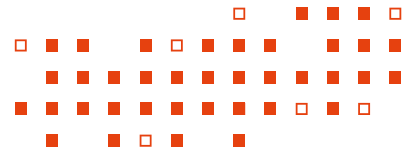
Cat.6A S/FTP LSZH securityNET patchcord

A Category 6A S/FTP patch cable with an LSZH jacket is an advanced solution used to build modern local area networks (LANs), providing stable and extremely fast internet connections. It is a patch cord, terminated on both sides with an 8P8C RJ45 plug, made of AWG27/7 stranded copper (Cu) wires. Thanks to its design, this cable offers excellent bandwidth of 10 Gbit/s, ideal for demanding network connections. The LSZH (Low Smoke Zero Halogen) jacket ensures that the insulation is made of a material that does not emit a lot of smoke or harmful gases during a fire. The cable is available in various color versions, which makes it easier to organize and identify in installations.

Technical specifications

Cat.6A S/FTP LSZH securityNET patchcord

Category/class	6A
Shielding type	S/FTP
Outer sheath	LSZH
Outer diameter	6.2 mm
Cable construction	4x2
Conductor thickness/AWG	27/7
Operating temperature	-20°C to 60°C
Bending radius at installation (min.)	25,4mm
Transmission speed	10 Gbit
Frequency	500MHz
Conductors	copper

High bandwidth

Category 6A S/FTP cable provides excellent bandwidth of up to 10 Gbit/s, making it suitable for applications that require very high data bandwidth.

Safety

The LSZH (Low Smoke Zero Halogen) jacket ensures that the cable does not emit a lot of smoke or harmful gases during a fire, which increases safety.