CAT 7 ETHERNET PATCH CABLE

S/FTP NETWORK CABLE WITH 10 GBIT/S, 600 MHZ AND POE+ SUPPORT

SPECIAL FEATURES

- Data transfer rate of up to 10 Gbit/s
- Transmission frequency up to 600 MHz
- S/FTP shielding for high immunity to interference
- Supports IEEE 802.3af (PoE) and IEEE 802.3at (PoE+)
- Shielded RJ45 connectors with gold-plated contact surfaces



The Cat. 7 Ethernet patch cable is ideal for fast and reliable network connections in demanding home, office and IT environments. With a transmission rate of up to 10 Gbit/s and a bandwidth of up to 600 MHz, the cable is designed for high-performance network connections with high data rates.

The S/FTP shielding ensures a particularly high level of immunity to interference. Each of the four wire pairs is individually shielded with aluminium foil, whilst an additional braided shield surrounds the entire cable. This effectively reduces electromagnetic interference and crosstalk, and supports stable signal transmission.

The shielded RJ45 connectors are made from a nickel-plated copper alloy and feature gold-plated contact surfaces, thereby ensuring a permanently secure and reliable connection.

In addition, the cable supports Power over Ethernet in accordance with IEEE 802.3af and IEEE 802.3at, making it suitable for powering compatible network devices via the data cable. The T568B pinout, the robust cable construction and the 1 m length make this patch cable a versatile solution for network components, computers, switches, routers and other Ethernet devices.

KEY FEATURES

Product type	Ethernet patch cables
Cable category	Cat. 7
Cable length	1 m
Connectors	2 × RJ45 connectors
Maximum data transfer rate	10 Gbit/s
Transmission frequency	up to 600 MHz
PoE support	IEEE 802.3af (PoE), IEEE 802.3at (PoE+)
Cable shielding	S/FTP
Occupancy	T568B, 1:1
Cable colour	Black

FURTHER SPECIFICATIONS

Nominal impedance	100 Ω
Number of cores	8
Number of wire pairs	4
Ladder assembly	1 × 0.40 mm
Conductor cross-sectional area	approx. 0.126 mm^2
Parachute assembly	Aluminium foil per pair of conductors + overall shield consisting of a braid of 96 wires
Connector shielding material	Nickel-plated copper alloy
Contact surface	Electroplated gold-plated
Outer diameter of the cable	7.2 ± 0.3 mm

FURTHER INFORMATION

Weight	57 g
Item number	K-1116-CAT7
Contents of the package	1x Ethernet patch cable
EAN	4250236831282
Customs tariff code	8544421000