

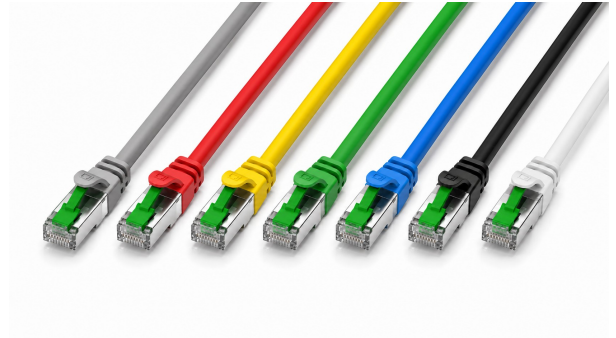


PKW-ELITE-SF-K6A

WIREWIN® Elite Patch Cable CAT6A, highly flexible, flame-retardant Elite Jacket, S/FTP, breakproof connector

Features

- Category 6A patch cable
- For 10 Gigabit data transmission
- Tested with Fluke cable certifier in channel test
- Shielding: S/FTP shielded
- 4 twisted pairs
- Cable gauge: AWG26/7 100% copper
- Highly flexible, halogen-free outer sheath
- PoE-capable up to IEEE 802.3bt (up to ~90-100 W at the powered device)
- Various lengths and colours
- WIREWIN® Elite RJ45 plug



Beschreibung

The WIREWIN® Elite patch cables are designed for the highest transmission demands of a modern network. As a fully shielded S/FTP version of Category 6A, they achieve a bandwidth of up to 500 MHz and are therefore suitable for 10GBASE-T as well as 2.5G and 5GBASE-T applications up to 10 Gigabit Ethernet. Each of the four twisted pairs is individually foil-shielded and additionally surrounded by an overall braid shield, which effectively suppresses near-end and alien crosstalk (NEXT/AXT) and ensures interference-free transmission even in environments with strong electromagnetic influences. The highly flexible, halogen-free TPE-LSOH outer jacket makes it easy to route this patch cable within the network cabinet, while the hybrid connector with break-proof nylon latch permanently protects the latching lever against damage. The cables are tested with a Fluke cable certifier in the channel test and support Power over Ethernet (PoE).

Typical fields of application for the WIREWIN® Elite patch cables:

- * 10 Gigabit cabling in offices, data centres and server rooms
- * Environments with high electromagnetic load, e.g. next to power or industrial lines
- * Powering high-performance PoE devices such as WLAN access points, PTZ cameras or IP phones
- * Patching within the network or server cabinet as well as between switch, patch panel and end device
- * Structured cabling according to EN 50173 or ISO/IEC 11801
- * Future-proof upgrade of existing Gigabit networks to 10 Gigabit



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Technische Daten

Parameter	Wert
Flame-retardant version	No
AWG cross-section	AWG26
Wiring scheme	TIA/EIA 568 B
Colours	Black, White, Grey, Red, Blue, Green, Yellow
Cable diameter	6.0 mm
Cable construction	4x2
Cable type	S/FTP
Category	CAT.6A (TIA)
Latch material	Nylon
Strain-relief boot	Yes, injection-moulded
Contact material	Copper alloy, 3 µ" gold plating
Copper cable structure	4x2xAWG26/7
Storage temperature	0°C ~ 50°C
Length	0.5 m / 1 m / 1.5 m / 2 m / 3 m / 5 m / 7.5 m / 10 m / 15 m / 20 m / 25 m / 30 m
Jacket	thermoplastic elastomer
Standards/Conformity	
Oil-resistant per EN IEC 60811-404	No
Pin assignment	1:1
Latch protection	Yes
Shielding	S/FTP (shielded)
Connector material	PC



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Technische Daten

Parameter	Wert
Connector type, end 1	RJ45 8(8)
Connector type, end 2	RJ45 8(8)
Temperature range	-20°C ~ 75°C
Boot material	thermoplastic elastomer
Certification(s)	RoHS



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Technical drawing

