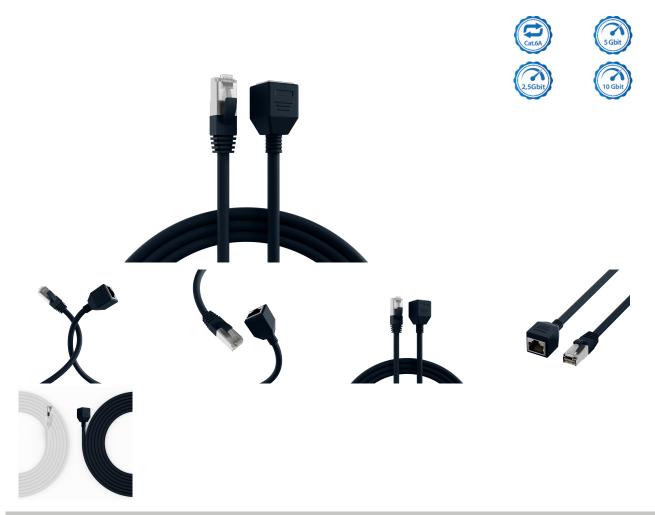# DATASHEET

ELPROMAN

RJ45 Extension Cat.6A S/FTP LSZH AWG26 black 2m

General data

RJ45 patch cable extension Cat.6A S/FTP LSZH AWG26

The Cat.6A (TIA) patch cable extension has gold-plated contacts and enables 2.5Gbit, 5Gbit and 10Gbit Ethernet as a transmission standard.

Technical product features
• Cat.6A (TIA)
• S/FTP cable with AWG26/7
• Jacket material made of halogen-free LSZH
• Plug connection: RJ45 to RJ45
• With locking lever protection
• Has gold-plated contacts
The patch cable extension has a conductor material made of copper and is ideal for applications in structured building

RJ45 Extension Cat.6A S/FTP LSZH AWG26 black 2m

cabling, industrial Ethernet and data centers. The frequency range is 500 MHz.

Allgemeine Daten	
Suitable for degree of protection (IP)	IP20
Model	Shielded
Jacket Material	LSZH
Length imprint	True
AWG-size	26/7

General data	
Colour outer sheath	black
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Allocation	acc. TIA/EIA 568B
Connector type	RJ45 Standard
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
Contacts	3 µ" gold plated
Category	6A (TIA)
Colour anti-kink sleeve	black

Mechanical characteristics	
Conductive shield	Selected shield contact
Mating cycles	750

Cable construction	
Conductor Material	Copper
Raw cable	Cat.6A

Kabelaufbau	
Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Cable construction	4x2

ELPROMAN

DATASHEET

RJ45 Extension Cat.6A S/FTP LSZH AWG26 black 2m

Outer diameter of the cable	6.2 mm

Umgebungsbedingungen

Temperature Range (Operation)	-15 – 60 °C
Temperature Range (Storage)	-20 – 75 °C

Electrical characteristics

Insulation Resistance	10 MΩ
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A

Elektrische Eigenschaften

Test voltage	1000 (V DC, 1min) core/core und core/screen
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Transmission	5Gbit
Bandwidth	500MHz

Standards, approvals, certifications

Cabling standard	EN50173
Connector	IEC 60603-7-51

ELPROMAN

DATASHEET

RJ45 Extension Cat.6A S/FTP LSZH AWG26 black 2m

LENGTH

43,4±1,5

22,1±1

13,65±1

15,75±1

22±1

CN2

39±0.5MM

11.7±0.5MM

11.5±0.5MM

14.8±0.5MM

8.4±0.5MM

10±1

WIRING DIAGRAM

CN1 (568B)   CN2 (568B)

WHITE	1	1	WHITE
ORANGE	2	2	ORANGE
WHITE	3	3	WHITE
GREEN	6	6	GREEN
BLUE	4	4	BLUE
WHITE	5	5	WHITE
WHITE	7	7	WHITE
BROWN	8	8	BROWN
SHELL			SHELL

GROUND WIRE

ELPROMAN