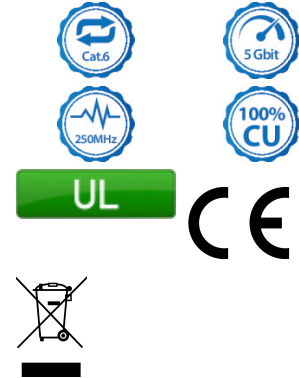


# DATASHEET

## RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, black



### Description

The **UL approved** and shielded Cat.6 RJ45 patch cable ensures very good characteristics for 5 Gigabit Ethernet and **VOIP** applications. The connector is **extremely short** with its **27.3 mm** including bend protection. The cast grommet impresses with its **slim design** and simplifies the plugging process in confined spaces.

Cross section 4 x 2 x AWG26/7

Jacket material PVC

Plug **extremely short (27.3 mm incl. bend protection)**

Cast anti-kink grommet, slim design

### General data

Category	OM5
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard
Contacts	50 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	plugged in
Colour anti-kink sleeve	black
Locking lever	yes
UL approbated	yes

### Mechanical characteristics

Mating cycles	2000
Bending radius	27.5 mm
Conductive shield	Selected shield contact

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# DATASHEET

## RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, black

### Cable construction

Cable type	S/FTP
Cable construction	4x2
AWG-size	26/7
Conductor Material	Copper

### Cable sheath

Jacket material	PVC
Colour outer sheath	black
Printing	VOIP Cat.6 Patchkabel S/FTP AWG26/7 UL E132276-C CM 75°C 4PR PVC IEC332-1 ISO/IEC11801 TIA/EIA-56-B.2.1 *** VOICE OVER IP ***
Outer diameter of the cable	6.5 mm

### Environmental conditions

Temperature range	-5 – 75 °C
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### Electrical characteristics

NVP value	- %
Test voltage	1000 V DC, 1min
POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt

### Transmission characteristics

Bandwidth	250MHz
Transmission	2.5Gbit

### Standards, approvals, certifications

Connector	IEC 60603-7-5
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### Available variants

Article no.	Title	Length	Length tolerance
K2460.1	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 1m, black	1.0 m	±5 %
K2460.2	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 2m, black	2.0 m	±5 %
K2460.3	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 3m, black	3.0 m	±5 %
K2460.6	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 6m, black	6.0 m	±5 %
K2460.10	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 10m, black	10.0 m	±5 %
K2460.15	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 15m, black	15.0 m	±5 %
K2460.20	RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, 20m, black	20.0 m	±5 %

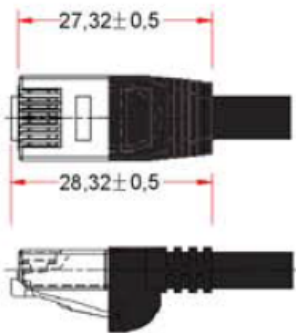
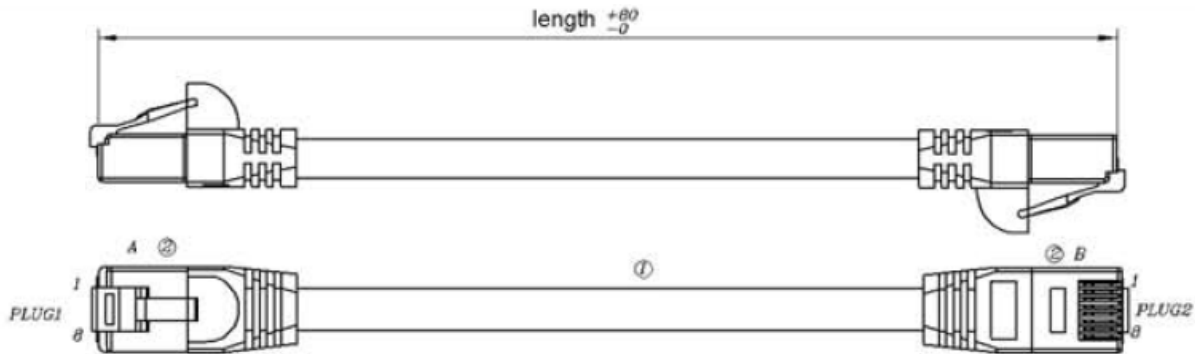
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# DATASHEET

RJ45 Patch cable S/FTP, Cat.6, PVC, short boot, UL, black

## Technical drawings



### Label printing:

Cat.6 S/FTP,(Length),PVC UL SCHWARZ  
 VOIP Patchkabel 4\*2\*AWG26/7 PIMF  
 Cat.6 S/FTP,(Length),PVC UL BLACK  
 VOIP Patchkabel 4\*2\*AWG26/7 PIMF  
 (PART NO)  
 (ORDER NO)  
 UL MARK



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