DATASHEET

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



Cat.6 | 5 Gbit
250 MHz | 100% CU
UL | PVC

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 **27.3mm** 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 (27,3mm incl. bend protection)**
Cast anti-kink grommet, slim design

General data	
Category	6
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	moulded
Colour anti-kink sleeve	black
Locking lever	yes
UL approbated	yes

Mechanical characteristics	
Mating cycles	≥ 1200
Bending radius	27.5 mm
Conductive shield	Selected shield contact

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

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Cable construction	
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	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

Electrical characteristics	
NVP value	- %
Test voltage	1000 (V DC, 1min) core/core und core/screen

Transmission characteristics	
Bandwidth	250MHz
Transmission	2.5Gbit

Standards, approvals, certifications	
Connector	IEC 60603-7-5

Available variants

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

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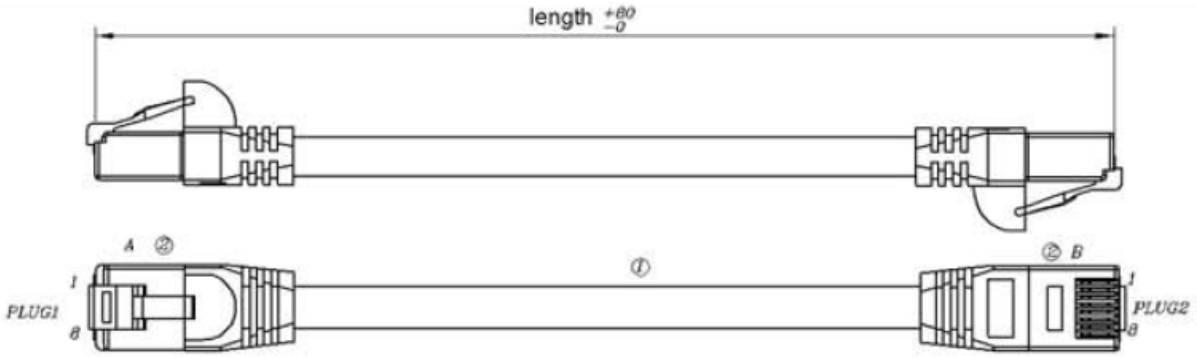
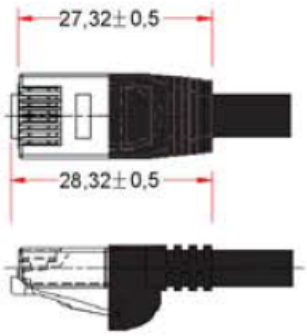
Technical drawings







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 Patchcable 4*2*AWG26/7 PIMF*
(PART NO)
(ORDER NO)
UL MARK



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