

DATASHEET

INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 1m, grey



General data

The INFRALAN Premium patch cable contains several unique features:

Transmission quality: the Premium patch cable is component certified and is used in the following applications measured after assembly in a 4 Connector Channel Link Class EA.

100% testing: every single patch cord is measured and marked with a serial number for unique coding and traceability.

Measurement protocol: an extract of the Class EA measurement is contained in the package, the complete archived measurement can be viewed at any time.

Superflex: the LSZH outer jacket consists of a special plastic compound and ensures extreme flexibility.

Special features

Certification: **Cat.6A components certified** according to ANSI/TIA-568-C.2, Class EA 4-Connector Link certificate by GHMT

Jacket material: **Extremely flexible TPE jacket (superflex)**

Cross section: 4 x 2 x AWG26/7

Cable diameter: 6.0mm

Type of grommet: moulded bend relief, slim version

Temperature range: -20°C - +60°C

Serial number: Label on cable

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Measuring protocol: **100% testing, 100% 4C Channel Link Test**

General specifications

Category: Cat.6A
 Transmission: 10Gbit
 Bandwidth: 500MHz
 Assignment: According to TIA/EIA 568B
 Conductor material: Copper
 Connector: 2x Cat.6A RJ45 shielded, IEC-60603-7-51
 Contacts: Gold plated
 Latch protection: available
 Cable structure: S/FTP
 Raw cable: Cat.7
 Flame retardance: IEC60332-1
 Halogen free: IEC60754-2
 Low smoke: IEC61034

Allgemeine Daten

Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Material outer sheath	LSZH
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Halogen free	True
Category	6A (TIA)

Mechanische Eigenschaften

Mating cycles	>750
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Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
AWG-size	26
Cable construction	4x2

Elektrische Eigenschaften

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POE class | PoE+ acc. to IEEE802.3at

Übertragungstechnische Eigenschaften

Bandwidth | 500MHz

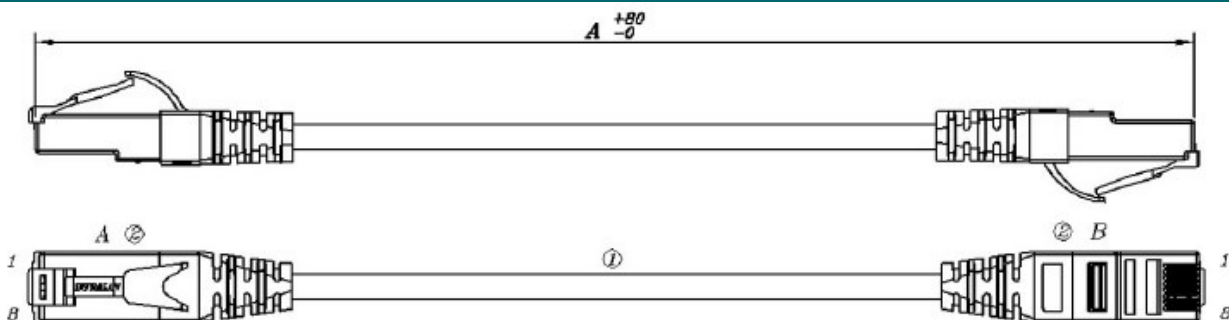
Normen, Zulassungen, Zertifizierungen

Oil resistant (acc. EN 60811-2-1) | False

Available variants

ArtNr.	Bezeichnung	Length
IPK-6A-U-TPE-GR-0025	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 0,25m, grey	0.25 m
IPK-6A-U-TPE-GR-0050	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 0,50m, grey	0.5 m
IPK-6A-U-TPE-GR-0100	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 1m, grey	1.0 m
IPK-6A-U-TPE-GR-0200	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 2m, grey	2.0 m
IPK-6A-U-TPE-GR-0300	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 3m, grey	3.0 m
IPK-6A-U-TPE-GR-0750	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 7,5m, grey	7.5 m
IPK-6A-U-TPE-GR-1000	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 10m, grey	10.0 m
IPK-6A-U-TPE-GR-1500	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 15m, grey	15.0 m
IPK-6A-U-TPE-GR-2000	INFRALAN® RJ45 patch cord S/FTP, Cat.6A, TPE superflex, 20m, grey	20.0 m

Drawings



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