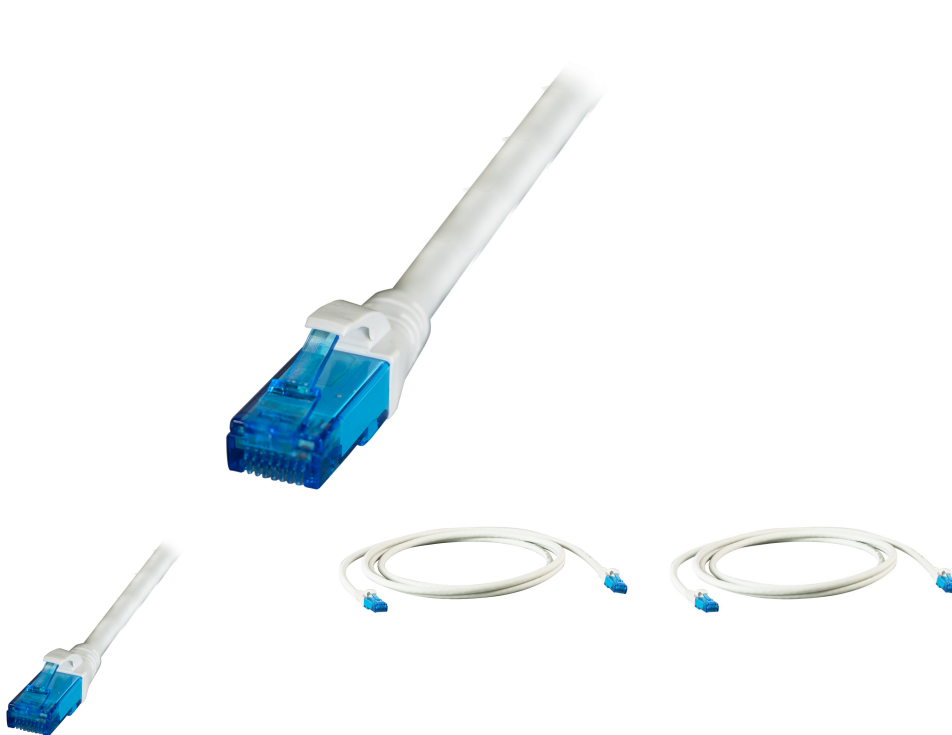


# DATASHEET

INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey



## General data

The unshielded Cat.6A RJ45 premium patch cable ensures very good characteristics for **10 Gigabit Ethernet** applications. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Cross section 4 x 2 x **AWG24/7**

Cast anti-kink grommet with length imprint, slim design

## Allgemeine Daten

Connector type	RJ45 Standard blue
Anti-kink sleeve	moulded
Model	Unshielded
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Material outer sheath	LSZH
Allocation	acc. TIA/EIA 568B

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# DATASHEET

## INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey

Cable type	U/UTP
Colour outer sheath	grey
Contacts	50 µ" gold plated
Halogen free	True
Category	6A (TIA)

### Mechanische Eigenschaften

Bending radius	30 mm
Mating cycles	≥750

### Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
AWG-size	24/7
Conductor Material	Copper
Cable construction	4x2

### Kabelmantel

Low smoke	True
Oil resistant (according to EN 60811-404)	False
Flame retardant	acc. IEC60332-1
Halogen-free	True
Outer diameter of the cable	6.0 mm
Printing	Cat.6A PREMIUM Patchcord U/UTP 4x2xAWG24/7 ISO/IEC11801 TIA/EIA-568-C.2 ***10Gigabit Ethernet***

### Umgebungsbedingungen

Temperature range	0 – 60 °C
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### Elektrische Eigenschaften

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at

### Übertragungstechnische Eigenschaften

Transmission	10Gbit
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# DATASHEET

## INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey

Bandwidth	500MHz
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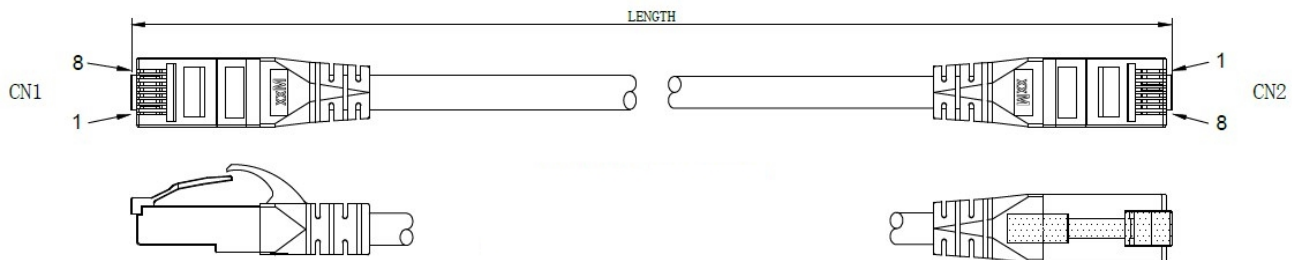
### Normen, Zulassungen, Zertifizierungen

Connector	IEC 60603-7-41
Oil resistant (acc. EN 60811-2-1)	False

### Available variants

ArtNr.	Bezeichnung	Length
IPK-6A-U-HFR-GR-0050	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,5m, grey	0.5 m
IPK-6A-U-HFR-GR-0100	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1m, grey	1.0 m
IPK-6A-U-HFR-GR-0150	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1,5m, grey	1.5 m
IPK-6A-U-HFR-GR-0200	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 2m, grey	2.0 m
IPK-6A-U-HFR-GR-0300	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 3m, grey	3.0 m
IPK-6A-U-HFR-GR-0500	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 5m, grey	5.0 m
IPK-6A-U-HFR-GR-0750	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 7,5m, grey	7.5 m
IPK-6A-U-HFR-GR-1000	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 10m, grey	10.0 m
IPK-6A-U-HFR-GR-1500	INFRALAN® RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey	15.0 m

### Drawings



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