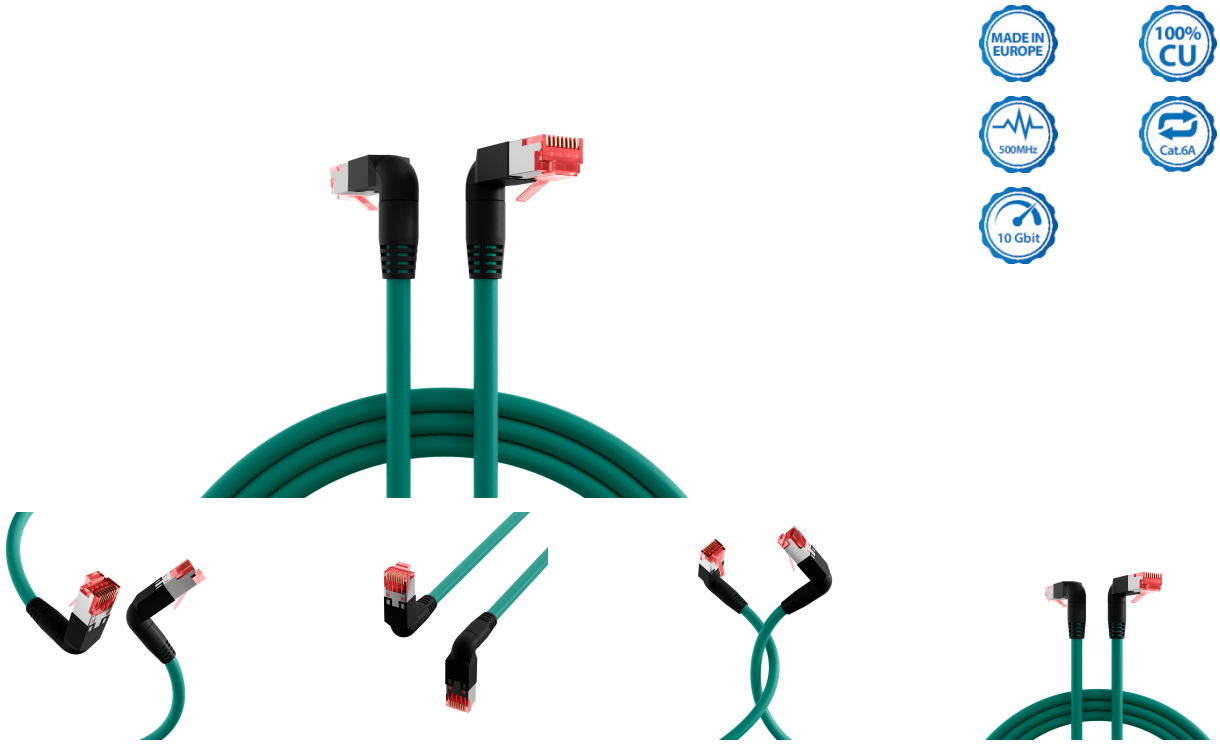
DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 2x90° green 1,5m



General data

RJ45 patch cable Cat.6A S/FTP LSZH Draka UC900 TM21 2x90°

The Cat.6A (TIA) patch cable has gold-plated contacts and meets the requirements for 10Gbit Ethernet.

Technical product features
- Cat.6A (TIA)
- S/FTP cable with AWG27/7
- Jacket material made of halogen-free LSZH
- Fire protection: flame-retardant, halogen-free, low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

The jacket of the shielded patch cable is made of halogen-free LSZH material. In addition, the cable offers the option of power supply via PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt.

The assignment of the red TM21 plugs is 1:1 and follows TIA/EIA 568B.

This datasheet was created automatically on 01-11-2026 . Technical changes reserved.

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The Ethernet cable has a conductor material made of copper and is ideal for applications in structured building cabling, industrial Ethernet and in data centers. This enables a bandwidth of up to 500 MHz.

Technical properties	
AWG-size	27/7
Allocation	acc. TIA/EIA 568B
Anti-kink sleeve	put-on
Area of application	Data center
Bandwidth	500MHz
Bending radius	>25 mm
Cable construction	4x2
Cable shape	rund
Cable type	S/FTP
Cable type acc. to Manufacturer	Draka UC900 SS27 Cat.7 PUR
Cabling standard	ANSI/TIA-568
Category	6A (TIA)
Colour anti-kink sleeve	black
Colour outer sheath	green
Conductive shield	360° shield contact
Conductor Material	Copper
Conductor resistance DC	170 Ω/km
Connector	IEC 60603-7-51
Connector type	TM21 red
Contacts	Gold plated
Current capacity	max. 1 A
Euro class	Eca
Fire retardant version	acc. IEC60332-1
Halogen free	acc. IEC60754-2
Harmonised Standard	EN 50575
Impedance	100 ±25 Ω
Insulation Resistance	> 2000 MΩ
Length imprint	False
Locking lever	True
Loop resistance	< 340 Ω/km
Low smoke	acc. IEC61034
Material outer sheath	LSZH
Mating cycles	≥750

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Model	shielded
NVP value	79 %
Oil resistant	no
Operating Temperature	-20 – 60 °C
Operating-/ tempering voltage	max. 50 V DC
Outer diameter of the cable	5.9 mm
Ozone resistance	No
Pin assignment	1:1
Raw cable	Cat.7
Resistance unbalance	3 %
Resistant to chemicals	False
Suitable for degree of protection (IP)	IP20
Temperature Range (Installation)	0 – 50 °C
Temperature Range (Operation)	-20 – 60 °C
Test voltage	1000 (V DC, 1min) core/core und core/screen
Total screening	ca. 45 %
Transmission	10Gbit
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
UL approbated	False
UV resistant	Nein

Available variants

ArtNr.	Bezeichnung	Length	POE class	Length tolerance
K4137GN.1,5	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 2x90° green 1,5m	1.5 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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