

Cable de conexión RJ45 Cat.6A S/FTP LSZH Draka UC900 TM31



General data

The Cat.6A RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for **10 Gigabit** Ethernet applications. The patch cable is composed of the Cat.7 raw cable **UC900 SS27** from Draka and **TM31** connectors from Hirose.

Cross section 4 x 2 x AWG27/7

Mounted anti-kink grommet

Allgemeine Daten

Connector type	TM31 yellow
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Model	Shielded
Jacket Material	LSZH

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Anti-kink sleeve	put-on
Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Area of Application	Industrial Ethernet
Colour outer sheath	grey
Current Rating	max. 1 A
Halogen free	True
Category	6A (TIA)
Cable type acc. to Manufacturer	Draka UC900 SS27

Mechanische Eigenschaften

Conductive shield	360° shield contact
Bending radius	>25 mm
Mating cycles	2000

Kabelaufbau

Raw cable	Cat.7
Type of connector connection 2	RJ45 8(8)
AWG-size	27/7
Type of connector connection 1	RJ45 8(8)
Total screening	ca. 45 %
Conductor Material	Copper
Cable construction	4x2

Kabelmantel

Oil resistant (according to EN 60811-404)	False
Halogen-free	yes
Flame retardant	acc. IEC60332-1
Euro class	Eca
Outer diameter of the cable	5.9 mm
Low smoke	acc. IEC61034

Umgebungsbedingungen

Temperature Range (Installation)	0 - 50 °C
Temperature Range (Operation)	-20 - 60 °C

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Elektrische Eigenschaften

Conductor resistance DC	170 Ω/km
Resistance unbalance	< 3 %
Loop resistance	< 340 Ω/km
Insulation Resistance	> 2000 MΩ
Test voltage	1000 V DC, 1min
POE class	PoE+ acc. to IEEE802.3at
NVP value	79 %
Operating-/ tempering voltage	max. 50 V DC
Impedance	100 ±5 Ω

Übertragungstechnische Eigenschaften

Bandwidth	500MHz
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Normen, Zulassungen, Zertifizierungen

Harmonised Standard	EN 50575
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51

Available variants

ArtNr.	Bezeichnung	Length Längentoleranz
K8560GR.0,15	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 0,15m	0.15 m ±5 %
K8560GR.0,25	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 0,25m	0.25 m ±5 %
K8560GR.0,50	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 0,5m	0.5 m ±5 %
K8560GR.1	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 1m	1.0 m ±5 %
K8560GR.1,5	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 1,5m	1.5 m ±5 %
K8560GR.2	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 2m	2.0 m ±5 %
K8560GR.3	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 3m	3.0 m ±5 %
K8560GR.5	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 5m	5.0 m ±5 %
K8560GR.7,5	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 7,5m	7.5 m ±5 %
K8560GR.10	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 10m	10.0 m ±5 %
K8560GR.15	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 15m	15.0 m ±5 %
K8560GR.20	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 20m	20.0 m ±5 %
K8560GR.25	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 25m	25.0 m ±5 %
K8560GR.30	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 30m	30.0 m ±5 %
K8560GR.40	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 40m	40.0 m ±5 %
K8560GR.50	RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM31 grey 50m	50.0 m ±5 %

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