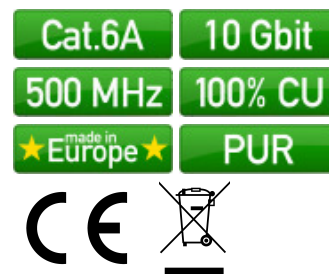


RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, black



Description

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 **Patch Pro flex Cat 7** from Draka and **TM31** connectors from Hirose. Due to the **PUR** outer sheath, the patch cable is also **suitable for outdoor use** (except for direct burial).

Cross section 4 x 2 x AWG26/7

Mounted anti-kink grommet

General data

Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	TM31 yellow
Cable type	Draka Patch Pro flex Cat 7
Contacts	1.27 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	put-on
Colour anti-kink sleeve	black
Locking lever	No

Mechanical characteristics

Mating cycles	≥ 750
Bending radius	25 mm
Conductive shield	360° shield contact

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Cable construction

Raw cable	Cat.7
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	26/7
Conductor Material	Copper

Cable sheath

Jacket material	PUR
Colour outer sheath	black
Outer diameter of the cable	6.4 mm

Environmental conditions

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

Electrical characteristics

NVP value	75 %
Impedance	100 ±5 Ω
Loop resistance	250 Ω/km
Resistance unbalance	2 %

Transmission characteristics

Bandwidth	500MHz
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Standards, approvals, certifications

Connector	IEC 60603-7-51
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Available variants

Article no.	Title	Length
K3130.0,3	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 0,3m, black	0.3 m
K3130.0,5	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 0,5m, black	0.5 m
K3130.1	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 1m, black	1.0 m
K3130.2	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 2m, black	2.0 m
K3130.3	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 3m, black	3.0 m
K3130.5	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 5m, black	5.0 m
K3130.7,5	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 7,5m, black	7.5 m
K3130.10	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 10m, black	10.0 m

Article no. **Title** **Length**

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RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, black

K3130.15	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 15m, black	15.0 m
K3130.20	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 20m, black	20.0 m
Article no.	Title	Length
K3130.30	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 30m, black	30.0 m
K3130.50	RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 50m, black	50.0 m

