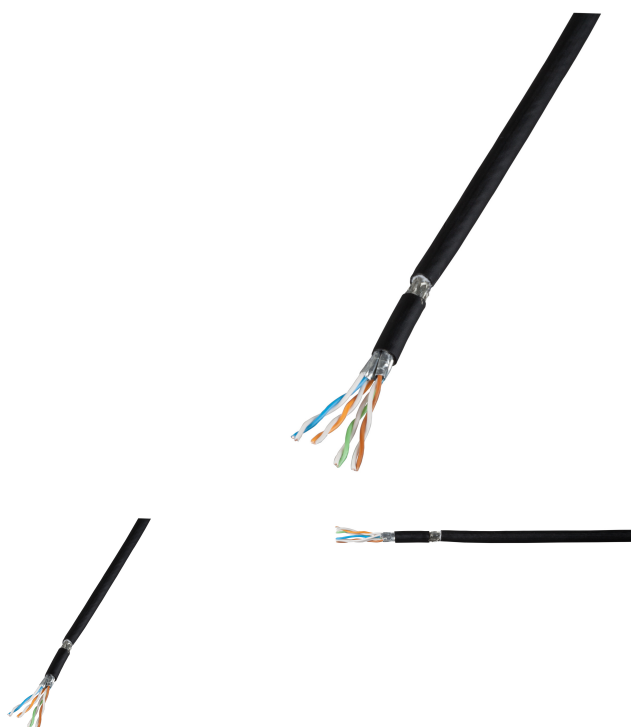


DATASHEET

PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best., 500m



General data

Cat.7 patch cable - exceeds the requirements of ISO/IEC 11801, IEC 61156-6, EN 50173-1 and EN 50288 . Application area: Data cable for studio application, Video-Ethernet; IEEE 802.3; 10Base-T; 100Base-T; 1000Base-T; IEEE 802.5 16 MB; ISDN; FDDI; ATM. **Suitable for outdoor (UV resistant)** but not for direct burial. Suitable for constant movements.

Allgemeine Daten

Nominal cross section conductor	0.14 mm ²
Conductor category	Class 2 = stranded
Category	7
Stranding element	Pairs
Core identification	Colour
Material outer sheath	Polyurethane (PUR)
UV resistance	yes

Mechanische Eigenschaften

Bending radius (dynamic)	8 x OD
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DATASHEET

PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best., 500m

Bending radius (static)	4 x OD
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Kabelaufbau

Conductor material	Cu, tinned
Cable Construction	S/FTP
AWG-size	26/7

Kabelmantel

Flame retardant	No
Low smoke	No

Umgebungsbedingungen

Permitted cable outer temperature during assembling/handling	0 - 50 °C
Permitted cable outer temperature after assembling without vibration	-20 - 60 °C

Elektrische Eigenschaften

Screen over stranding	braiding
Resistance unbalance	2 %
Transfer impedance at 1MHz	25 mOhm/m
Capacity to earth	nom. 43 nF/km
Core insulation	Foam-Skin-PE
Screen over stranding element	Foil
Delay skew	max. 10 ns/100m
Characteristic impedance	100 ± 5 Ohm
Loop resistance	max. 250 Ohm/km
NVP value	75 %
Transfer impedance at 10MHz	25 mOhm/m
PoE	yes
Max. Frequency	1000 MHz

Normen, Zulassungen, Zertifizierungen

Cabling standards	ISO/IEC 11801
Installation standard	EN 50174

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PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best., 500m

Low smoke (according to EN 61034-2)	False
Transmission standards	IEEE 802.3 10Mbit to 10Gbit
Halogen free (acc. EN 50267-2-2)	False
Cable	IEC 61156-6
Halogen free (according to EN 60754-1/2)	False

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length of	Number of cores	RAL colour	Type	Cu-Zahl	Gewicht	Max. Zugkraft ca.	Außendurchmesser	Brandlast
99262.100	PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best., 100m	black	100.0 m	8	RAL 9005	simplex	17,5 kg/km	35 kg/km	100 N	6,4 mm	688 MJ/km
99262.500	PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best., 500m	black	500.0 m	8	RAL 9005	simplex	17,5 kg/km	35 kg/km	100 N	6,4 mm	688 MJ/km
99262.1	PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best.	black	1.0 m	8	RAL 9005	simplex	17,5 kg/km	35 kg/km	100 N	6,4 mm	688 MJ/km

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