

DATASHEET

PATCH PRO FLEX CAT 7 Cable PUR/Gummi, RAL9005, UV best.



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.

Technical properties

AWG-size	26/7
Armour	none
Bending radius (dynamic)	40 mm
Cable	IEC 61156-6
Cable silicone free	True
Cable structure	S/FTP
Cable type	Draka Patch Pro Flex Cat7
Cabling standards	ISO/IEC 11801
Category	7
Characteristic impedance	100 $\pm$ 5 Ohm
Conductor category	Class 2 = stranded

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Conductor material	Copper, bare
Core identification	Colour
Core insulation	Foam-Skin-PE
Coupling attenuation	≥ 80 dB
Diameter conductor	0.48 mm
Directive/Regulation	RoHS 2011/65/UE
Euro class	none
Flame retardant	Nein
Halogen free	False
Harmonised Standard	EN 50575
Installation standard	EN 50174
Insulation resistance (500V)	≥ 2000 MOhm/km
Jacket material	Polyurethan (PUR)
Loop resistance	250 Ohm/km
Low smoke	No
Max. frequency	MHz MHz
NVP value	75
Nominal cross section conductor	0.16 mm ²
Operating capacity	43 pF/km
Operating temperature, fix	-20 - 60 °C
Operating temperature, flexible	0 - 50 °C
Operating temperature, storage	-20 - 60 °C
PoE	acc. to IEEE802.3af PoE
Resistance unbalance	2 %
Screen over stranding	braiding
Screen over stranding element	Foil
Stranding element	Pairs
Test voltage DC, 1 min	1000 V
Transmission standards	IEEE 802.3 10Mbit bis 10Gbit
UV resistant	True

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	RAL colour	Type	Copper weight	Weight	Max. tractive force	Outer diameter approx.	Fire load
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PATCH PRO FLEX CAT 7 Cable PUR/Gummi, RAL9005, UV best.

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
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
99262.1000	PATCH PRO FLEX CAT 7 Kabel PUR/Gummi, RAL9005, UV best.	black	1000.0 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

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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