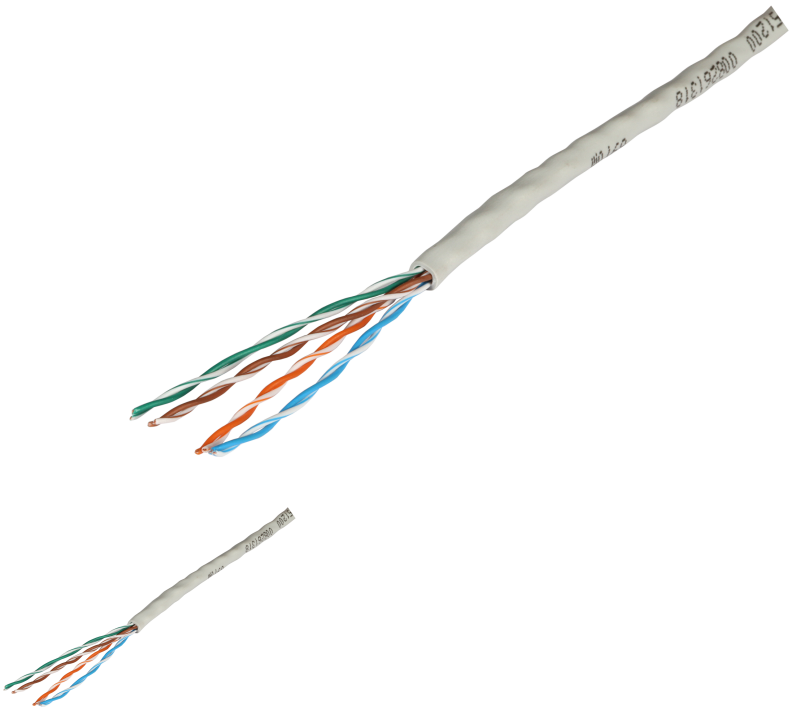
DATASHEET

Patch Cable Cat.5e UTP 4x2xAWG26, grey



General data

Mechanically high-quality 300 MHz patch cord. Clear differentiation of the cores in the assembled connector thanks to different core colours. Compatible with all common connector systems according to EN 50173 and ISO/IEC 11801 as well as D-Sub systems. As data patch cables in patch panels and as device connection cables. For the transmission of digital and analogue voice, image and data signals. ISDN, Ethernet 10 BASE-T, Fast Ethernet 100 BASE-T, Gigabit Ethernet 1000 BASE-T, Token Ring 4/16 Mbit/s, TP-PMD/TP-DDI 125 Mbit/s, ATM 155 Mbit/s.

Technical properties

AWG-size	26/7
Armour	none
Bending radius (dynamic)	40 mm
Cable	IEC 61156-6
Cable silicone free	True
Cable structure	U/UTP
Cable type	Draka UC300 S26 UTP
Cabling standards	ISO/IEC 11801
Category	5e
Characteristic impedance	100 ± 5 Ohm
Conductor category	Class 2 = stranded

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Conductor material	Copper, tinned
Core identification	Colour
Core insulation	Polyethylene (PE)
Coupling attenuation	≥ 50 dB
Diameter conductor	0.48 mm
Directive/Regulation	RoHS 2011/65/UE
Euro class	none
Flame retardant	acc. to EN 60332-1
Halogen free	No
Harmonised Standard	EN 50575
Installation standard	EN 50174
Insulation resistance (500V)	≥ 2000 MOhm/km
Loop resistance	260 Ohm/km
Low smoke	nein
Material outer sheath	Polyvinylchlorid (PVC)
Max. Freuqency	MHz MHz
NVP value	67 %
Nominal cross section conductor	0.16 mm²
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	< 3 %
Screen over stranding	None
Screen over stranding element	without
Stranding element	Pairs
Test voltage DC, 1 min	1000 V
Transmission standards	IEEE 802.3 10Mbit bis 2.5Gbit
UV resistant	no

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	Type	Copper weight	Weight	Max. tractive force	Outer diameter approx.	Fire load

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99148.1	Patch Cable Cat.5e UTP 4x2xAWG26, grey	grey	1.0 m	8	simplex	11 kg/km	25 kg/km	55 N	4.7 mm	344 MJ/km
99148.1000	Patch Cable Cat.5e UTP 4x2xAWG26, grey	grey	1000.0 m	8	simplex	11 kg/km	25 kg/km	55 N	4.7 mm	344 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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