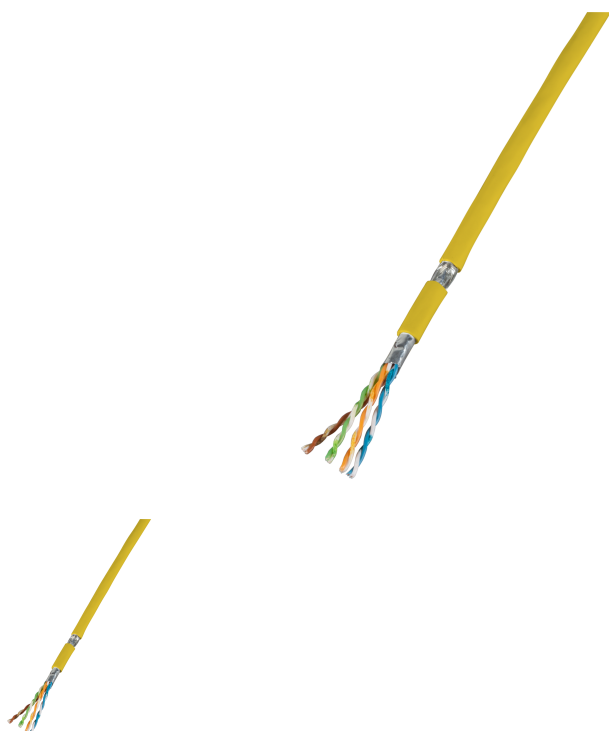


DATASHEET

MegaLine D1-20S/U PURsuperflex,4x2xAWG26/19, suitable for drag chain, RAL 1021



General data

The MegaLine® D1-20 S/U PUR superflex is an electrically and mechanically high-quality 200 MHz patch cable also **suitable for drag chain**. Especially for application of class D.

Technical properties

AWG-size	26/19
Armour	none
Bending radius (dynamic)	40 mm
Cable	IEC 61156-6
Cable silicone free	True
Cable structure	S/UTP
Cable type	Kerpen MegaLine D1-20 S/U PUR superflex
Cabling standards	ISO/IEC 11801
Category	5e
Characteristic impedance	100 ± 5 Ohm
Conductor category	KL.1 = single wire
Conductor material	Copper, tinned

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Core identification	Colour
Core insulation	Polytetrafluorethylene (PTFE)
Coupling attenuation	≥ 75 dB
Diameter conductor	0.51 mm
Directive/Regulation	RoHS 2011/65/UE
Euro class	none
Flame retardant	acc. to EN 60332-1
Halogen free	acc. to EN 60754
Harmonised Standard	EN 50575
Installation standard	EN 50174
Insulation resistance (500V)	≥ 5000 MOhm/km
Loop resistance	260 Ohm/km
Low smoke	acc. to EN 61034
Material outer sheath	Polyurethan (PUR)
Max. Frequency	MHz MHz
NVP value	68 %
Nominal cross section conductor	0.10 mm ²
Operating capacity	43 pF/km
Operating temperature, fix	-40 - 85 °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	braiding
Screen over stranding element	without
Separation class acc. EN50174-2	C
Stranding element	Pairs
Test voltage DC, 1 min	1000 V
Transfer impedance at 10MHz	25 mOhm/m
Transmission standards	IEEE 802.3 10Mbit bis 2.5Gbit
UV resistant	no

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Number Length of cores	Type	Copper weight	Max. Weight tractive force	Outer diameter approx.	Fire load
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99526MC.1	MegaLine D1-20S/U PURsuperflex,4x2xAWG26/19, suitable for drag chain, RAL 1021	yellow	1.0 m	8	simplex	28.6 kg/km	58 kg/km	60 N	6.8 mm	700 MJ/km
99526MC.1000	MegaLine D1-20S/U PUR, superflex,4x2xAWG26/19, suitable for drag chain	yellow	1000.0 m	8	simplex	28.6 kg/km	58 kg/km	60 N	6.8 mm	700 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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