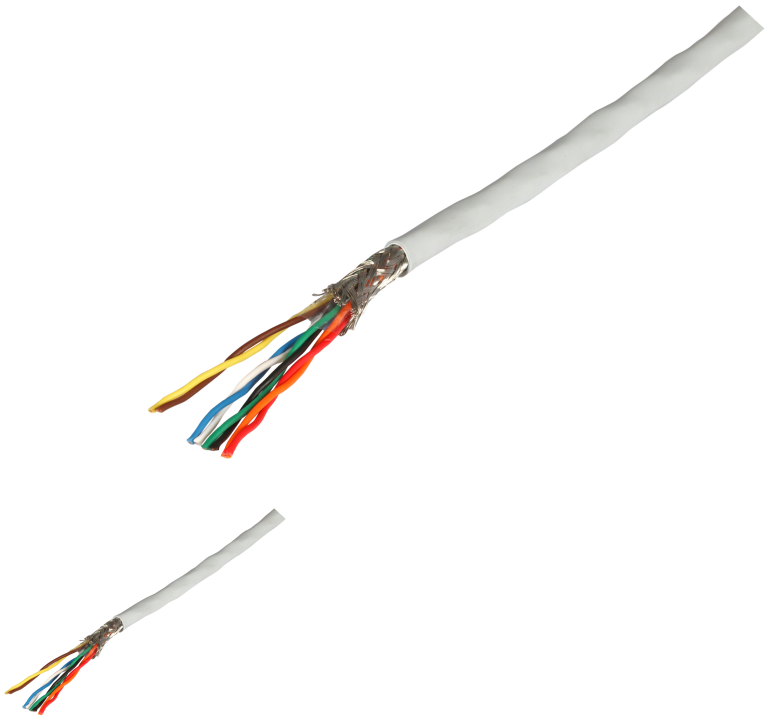
DATASHEET

Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, yellow,1000m



General data

Dätwyler Cables CU 5502 flex 4P. The structure is tuned to a fast and reliable packing! Electrically and mechanically high-quality 300 MHz patch cords - exceeds the highest expectations! Guaranteed limits according to Cat.5: ISO / IEC 11801 and EN 50173-1, EN 50288-2-2. As data jumper cables in patch panels and as Cord. For the transmission of digital and analogue voice, image and data signals. ISDN, Ethernet 10 BASE-T, 100 BASE-T Fast Ethernet, Gigabit Ethernet 1000 Base-T, Token Ring 16.4 Mbit / s, TP-PMD / TP-DDI 125 Mbit / s, ATM 155 Mbit / s. Especially suitable for all applications of class D.

Technical properties

AWG-size	26/7
Armour	none
Bending radius (dynamic)	20 mm
Cable	IEC 61156-6
Cable silicone free	True
Cable structure	S/UTP
Cable type	Dätwyler CU 5502 flex
Cabling standards	ISO/IEC 11801
Category	5e

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Characteristic impedance	100 ± 5 Ohm
Conductor category	Class 2 = stranded
Conductor material	Copper, tinned
Core identification	Colour
Core insulation	PVC
Coupling attenuation	≥ 55 dB
Diameter conductor	0.48 mm
Directive/Regulation	RoHS 2011/65/UE
Euro class	none
Flame retardant	acc. to EN 60332-1
Halogen free	False
Harmonised Standard	EN 50575
Installation standard	EN 50174
Insulation resistance (500V)	≥ 2000 MOhm/km
Loop resistance	225 Ohm/km
Low smoke	nein
Material outer sheath	Polyvinylchlorid (PVC)
Max. Freuqency	MHz MHz
NVP value	76 %
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	braiding
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	Nein

Available variants

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Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, yellow,1000m

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	Type	Copper weight	Weight	Max. tractive force	Outer diameter approx.	Fire load
98701.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, grey	grey	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98701.100	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, grey,100m	grey	100.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98701.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, grey,1000m	grey	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98702.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, yellow	yellow	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98702.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, yellow,1000m	yellow	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98703.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, red	red	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98703.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, red, 1000m	red	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98704.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, blue	blue	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98704.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, blue,1000m	blue	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98705.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, black	black	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98705.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, black,1000m	black	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km
98706.1	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, green	green	1.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 MJ/km

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Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, yellow,1000m

98706.1000	Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, green,1000m	green	1000.0 m	8	simplex	23.5 kg/km	34 kg/km	63 N	5.1 mm	382 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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