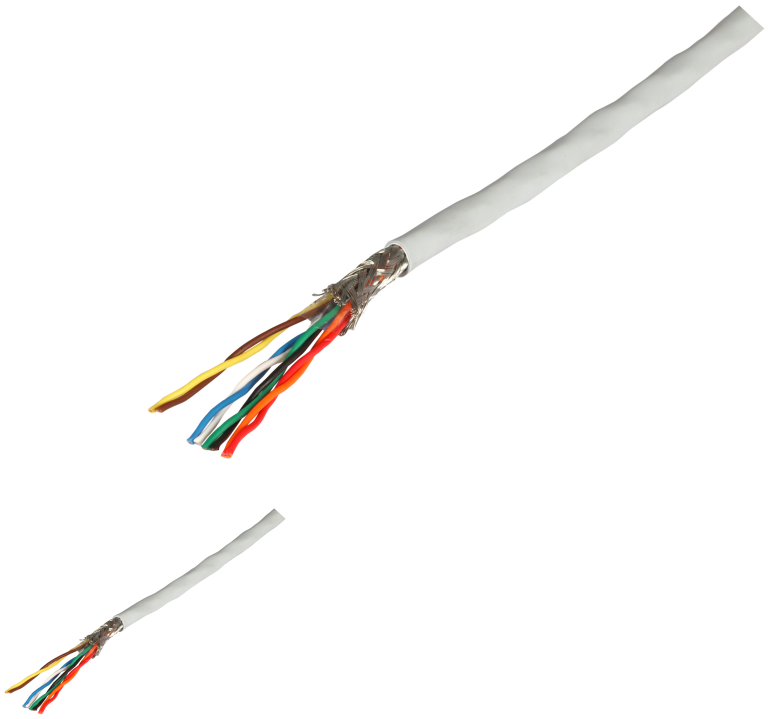
DATASHEET

Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, black



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
Characteristic impedance	100 ± 5 Ohm

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Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, black

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

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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Cat. 5E Patch Cable DW S/UTP AWG26/7, 300MHz, black

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
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

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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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