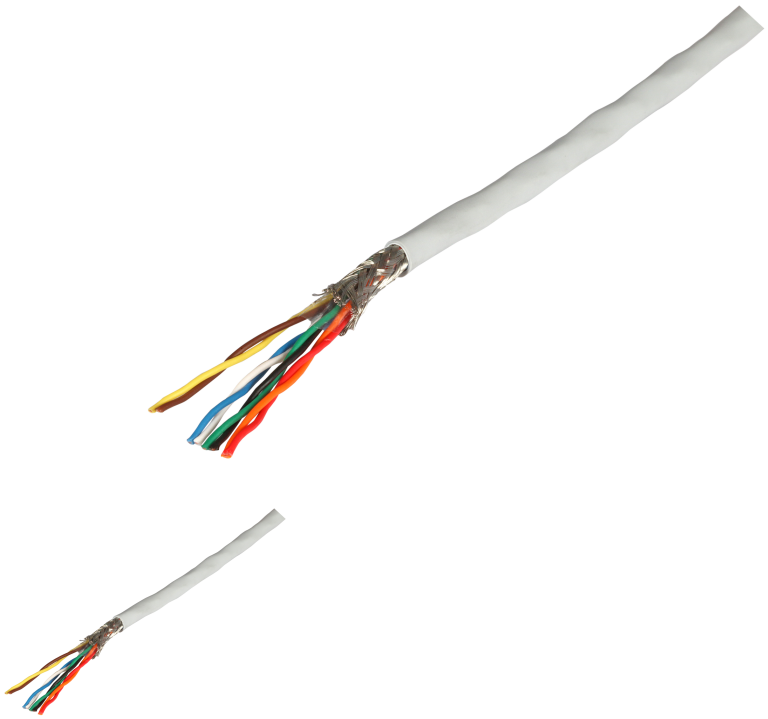
# DATASHEET

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

| | |
|---|---|
| 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, grey,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, grey,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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