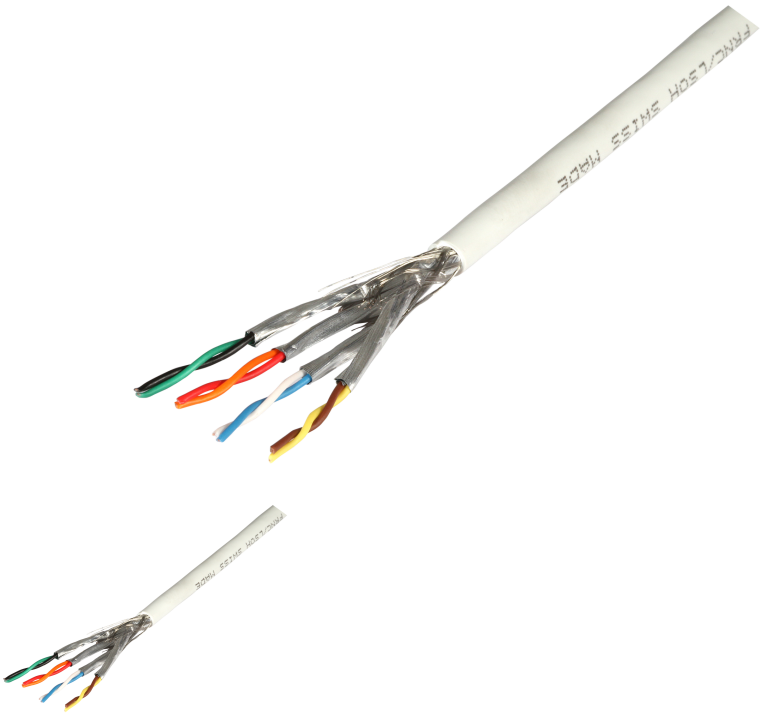
# DATASHEET

## CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red



### General data

**Cat.7 Dätwyler 7702 4P flex TC CPR Dca PIMF S/FTP**

Electrically and mechanically excellent Cat.7 Patch cable- Exceeding the requirements of ISO/IEC 11801, IEC 61156-6, EN 50173-1 and EN50288-4-2. Excellent shielding due to pair and foil shielding. Copper wires and braiding tinned. Good assembly of connectors because of different wire colours. Compatible with all relevant connection systems of EN50173, ISO/IEC 11801 and IEC 60603-x. Flame retardance according to CPR Dca.

Use as a data patch cable or connection cable, special used for Consolidation points. Usable for all ICT Network application until Class F (600MHz) in accordance with EN50173-1 and ISO/IEC 11801. Also usable for Multimedia applications in CATV Frequence level till 862MHZ according to IEC15018. Suitable for data connection on power over ethernet (PoE/PoE+).

### Technical properties

| | |
|---|---|
| AWG-size | 26/7 |
| Armour | none |
| Bending radius (dynamic) | 40 mm |
| Bending radius (static) | 20 mm |
| Cable | IEC 61156-6 |
| Cable silicone free | True |

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red

| | |
|---|---|
| Cable structure | S/FTP |
| Cable type | Dätwyler CU7702 flex TC |
| Cabling standards | ISO/IEC 11801 |
| Category | 7 |
| Characteristic impedance | 100 ± 5 Ohm |
| Conductor category | Class 2 = stranded |
| Conductor material | Copper, tinned |
| Core identification | Colour |
| Core insulation | PVC |
| Coupling attenuation | ≥ 80 dB |
| Delay skew | 4 ns/100m |
| Diameter conductor | 0.48 mm |
| Directive/Regulation | RoHS 2011/65/UE |
| Euro class | Dca |
| Flame retardant | acc. to EN 60332-1 |
| Halogen free | acc. to EN 60754-1/2 |
| Halogen free (acc. EN 50267-2-2) | True |
| Harmonised Standard | EN 50575 |
| Installation standard | EN 50174 |
| Insulation resistance (500V) | ≥ 2000 MOhm/km |
| Loop resistance | 275 Ohm/km |
| Low smoke | acc. to EN 61034 |
| Low smoke (acc. EN 61034-2) | True |
| Material outer sheath | FRNC-B |
| Max. Freuqency | MHz MHz |
| NVP value | 78 % |
| 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 | Foil |
| Stranding element | Pairs |
| Test voltage DC, 1 min | 1000 V |

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red

| | |
|---|---|
| Transmission standards | IEEE 802.3 10Mbit bis 10Gbit |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 98711.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, grey | grey | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98711.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, grey | grey | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98712.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, blue | blue | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98712.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, blue | blue | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98713.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, yellow | yellow | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98713.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, yellow | yellow | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98714.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red | red | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98714.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red | red | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98715.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, green | green | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98715.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, green | green | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98716.1 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, black | black | 1.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, red

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 98716.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, black | black | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 MJ/km |
| 98719.1000 | CU 7702 flex TC 4P AWG26/7 CPR Dca, Cat.7, 862MHz, orange | orange | 1000.0 m | 8 | simplex | 18.1 kg/km | 39.5 kg/km | 56 N | 5.8 mm | 380 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.



EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION