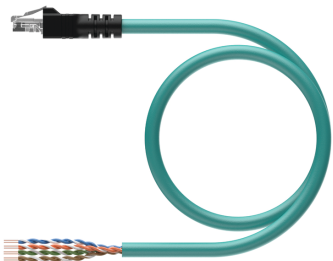
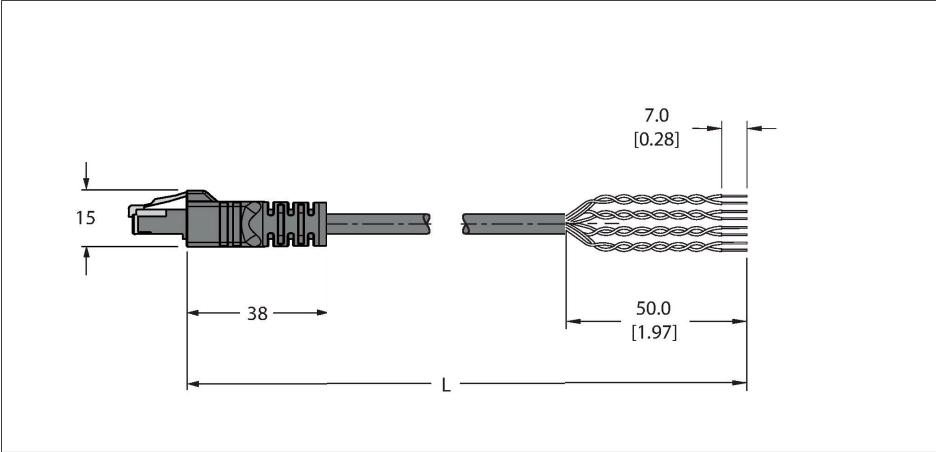


# RJ45S 841-10M

## Industrial Ethernet Cable – Anschluss Kabelsatz



### Technical data

|                  |                          |
|------------------|--------------------------|
| Type             | RJ45S 841-10M            |
| ID               | U8635-10                 |
| Connector A      | Male, RJ45, Straight     |
| Number of pins   | 8                        |
| Contacts         | Metal, CuSn, Gold-plated |
| Contact carriers | Plastic, PC, Transparent |
| Connector body   | Plastic, TPU, Black      |
| Protection class | IP20                     |
|                  | NEMA: 1                  |

|                    |                                            |
|--------------------|--------------------------------------------|
| Cable              |                                            |
| Network protocol   | Ethernet, 841                              |
| Cable diameter     | Ø 7.7 mm                                   |
| Cable length       | 10 m                                       |
| Cable jacket       | TPE, Green                                 |
| Shielding          | yes                                        |
| Core insulation    | PE                                         |
| Core cross-section | 8 x 0.21 mm <sup>2</sup>                   |
| Core colors        | WH/BU, WH/BN, BN, OG, WH/GN, WH/OG, BU, GN |

|                                 |               |
|---------------------------------|---------------|
| Electrical properties at +20 °C |               |
| Rated voltage                   | 42 V          |
| Current                         | 1.5 A         |
| DC resistance (loop)            | 94 Ω/km       |
| Nom. impedance                  | 100 Ω (1 MHz) |
| Nom. capacitance                | 46 pF/m       |

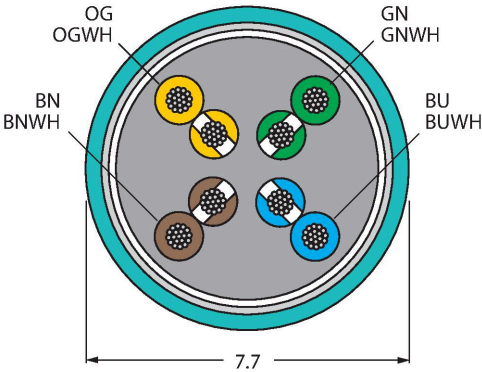
|                                    |             |
|------------------------------------|-------------|
| Mechanical and chemical properties |             |
| Bending radius (flexible use)      | ≥ 10 x Ø    |
| Bending cycles                     | ≥ 1 million |

### Features



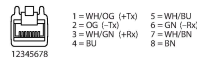
- Ethernet cable: 8-pin, AWG 24, shielded
- Jacket material: TPE, color: green
- Jacket diameter: 7.7 mm
- Suitable for drag chain use
- UL approval
- RJ45 male connector, straight, 8-pin
- Cable length: 10 m
- RJ45 male connector, straight, 8-pin

### Cable Cross-Section



### Contact assignment

Connector A



## Technical data

|                                                                              |              |
|------------------------------------------------------------------------------|--------------|
| Ambient temperature (fixed)                                                  | -40...+80 °C |
| Ambient temperature (mobile)                                                 | -40...+80 °C |
| Other Features                                                               |              |
| Qualified for drag chain use                                                 | yes          |
| UV resistance                                                                | yes          |
| Oil-resistant                                                                | yes          |
| Approvals                                                                    | UL           |
| Note                                                                         |              |
| - We reserve the right to make technical modifications without prior notice. |              |