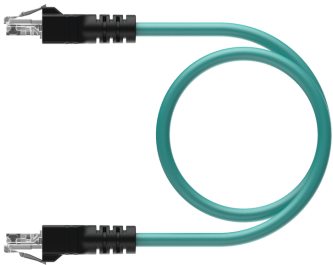
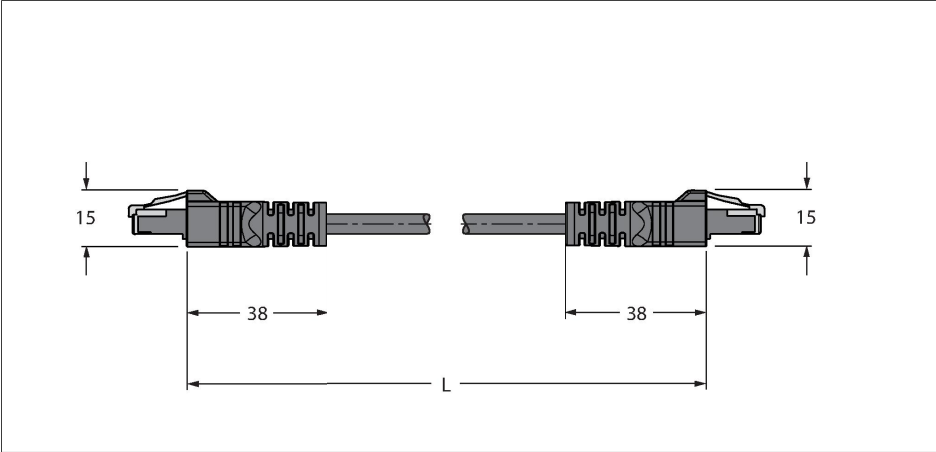


# RJ45S RJ45S 841-10M

## Industrial Ethernet Cable – Extension Cable



### Technical data

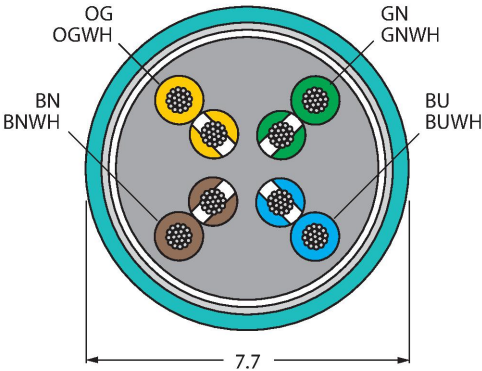
|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Type                            | RJ45S RJ45S 841-10M                        |
| ID                              | U8636-10                                   |
| 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                                       |
| Connector B                     | 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                                       |
| 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                                    |

### Features



- RJ45 male connector, straight, 8-pin
- RJ45 male connector, straight, 8-pin
- Cable length: 10 m

### Cable Cross-Section



### Contact assignment



## Technical data

|                                                                              |                              |
|------------------------------------------------------------------------------|------------------------------|
| Nom. impedance                                                               | 100 $\Omega$ (1 MHz)         |
| Nom. capacitance                                                             | 46 pF/m                      |
| Mechanical and chemical properties                                           |                              |
| Bending radius (flexible use)                                                | $\geq 10 \times \varnothing$ |
| Bending cycles                                                               | $\geq 1$ million             |
| Ambient temperature range (stationary)                                       | -40...+80 °C                 |
| Ambient temperature range (In motion)                                        | -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. |                              |