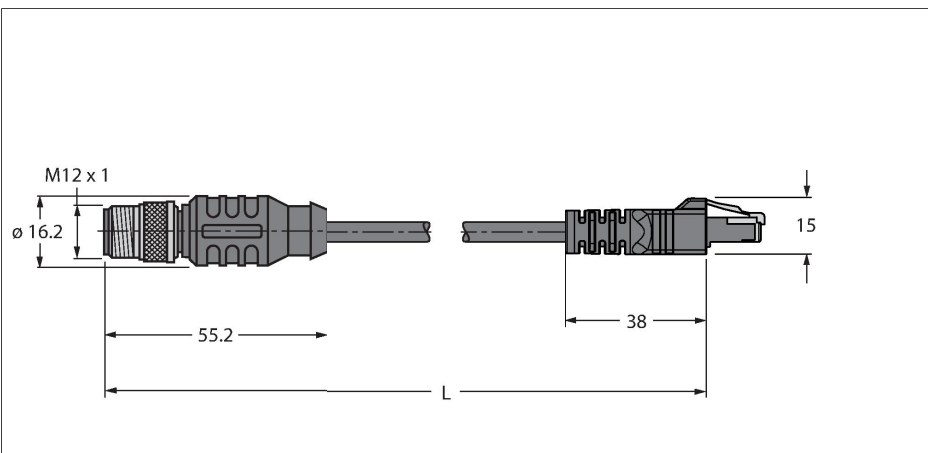


# RSS RJ45S 841-5M

## Industrial Ethernet Cable – Extension Cable



### Features

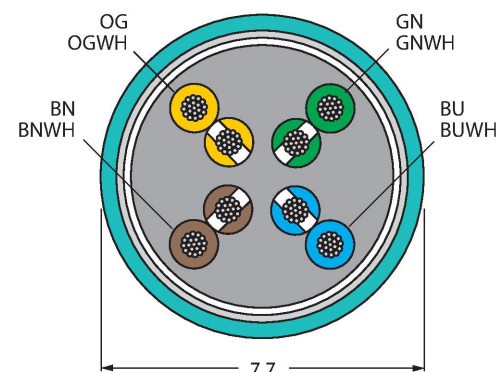


- Ethernet cable: 8-pin, AWG 24, shielded
- Jacket material: TPE, color: green
- Jacket diameter: 7.7 mm
- Suitable for drag chain use
- UL approval
- RJ45 male connector, straight, 8-pin
- M12 male, straight, 8-pin
- Cable length: 5.0 m

### Technical data

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Type                      | RSS RJ45S 841-5M                                           |
| ID                        | U8626-5                                                    |
| Connector A               | Male, M12 x 1, Straight, A-coded                           |
| Number of Pins            | 8                                                          |
| Contacts                  | Metal, CuZn, Gold-plated                                   |
| Contact carriers          | Plastic, TPU, Black                                        |
| Connector body            | Plastic, TPU, Black                                        |
| Coupling nut/screw        | Brass, CuZn, Nickel-plated                                 |
| Tightening torque (range) | 0.8 ... 1 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan       | > 100 Mating cycles                                        |
| Pollution degree          | 3                                                          |
| Protection class          | IP67, Only in screwed condition                            |
| 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              | 5 m                                                        |
| Cable jacket              | TPE, Green                                                 |
| Shielding                 | yes                                                        |
| Core insulation           | PE                                                         |
| Core cross-section        | 8 x 0.21 mm²                                               |

### Cable Cross-Section



### Contact assignment



## Technical data

Core colors WH/BU, WH/BN, BN, OG, WH/GN, WH/OG, BU, GN

### Electrical properties at +20 °C

|                      |               |
|----------------------|---------------|
| Rated voltage        | 60 V          |
| Current              | 2 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  |
| 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.