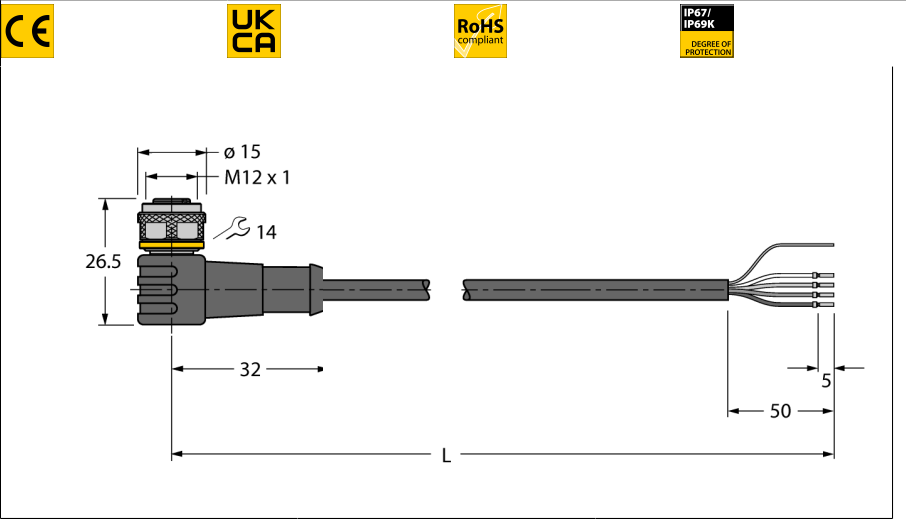


RFID Cable Economy Version  
Connection Cable  
WK4.5T-25/S2503



- 4-wire, AWG 24/AWG 22
- Jacket material: PUR, color: black
- Free from halogen and LABS
- Shielding: aluminum foil, tinned copper wire
- Jacket diameter: 6.9 mm
- Suitable for drag chain use, oil resistant, flexible
- Cable UL Style 20549
- Open end
- Cable length: 25 m

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Type                      | WK4.5T-25/S2503                                            |
| ID                        | 7030349                                                    |
| Connector A               | Female, M12 × 1, Angled, A-coded                           |
| Number of Pins            | 5                                                          |
| Contact carriers          | Plastic, TPU, Black                                        |
| Connector body            | Plastic, TPU, Black                                        |
| Coupling nut/screw        | Brass, CuZn-Ni, Nickel-plated                              |
| Tightening torque (range) | 0.6 ... 1 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan       | > 100 Mating cycles                                        |
| Pollution degree          | 3                                                          |
| Protection class          | IP67, IP69K, Only in screwed condition                     |

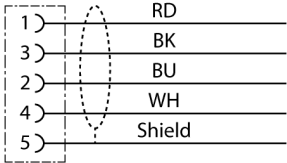
|                    |                             |
|--------------------|-----------------------------|
| Cable              |                             |
| Cable diameter     | Ø 6.9mm                     |
| Cable length       | 25 m m                      |
| Cable jacket       | PUR, Black                  |
| Shielding          | yes                         |
| Core cross-section | 2 x 0.25 mm <sup>2</sup>    |
| Core cross-section | 2x 0.34 mm <sup>2</sup>     |
| Core colors        | Power: RD, BK, Data: WH, BU |

|                                 |          |
|---------------------------------|----------|
| Electrical properties at +20 °C |          |
| Rated voltage                   | 30VV     |
| Current                         | 4AA      |
| DC resistance (loop)            | 103 Ω/km |
| Nom. impedance                  | 135 Ω    |

|                                        |                 |
|----------------------------------------|-----------------|
| Mechanical and chemical properties     |                 |
| Bending radius (flexible use)          | ≥ 10 x Ø        |
| Bending cycles                         | ≥ 1 million     |
| Ambient temperature range (stationary) | -30°C...+80°C°C |
| Ambient temperature range (In motion)  | -25°C...+80°C°C |



Circuit Diagram



**Other Features**

|                              |     |
|------------------------------|-----|
| Qualified for drag chain use | yes |
|------------------------------|-----|

|              |     |
|--------------|-----|
| Halogen-free | yes |
|--------------|-----|