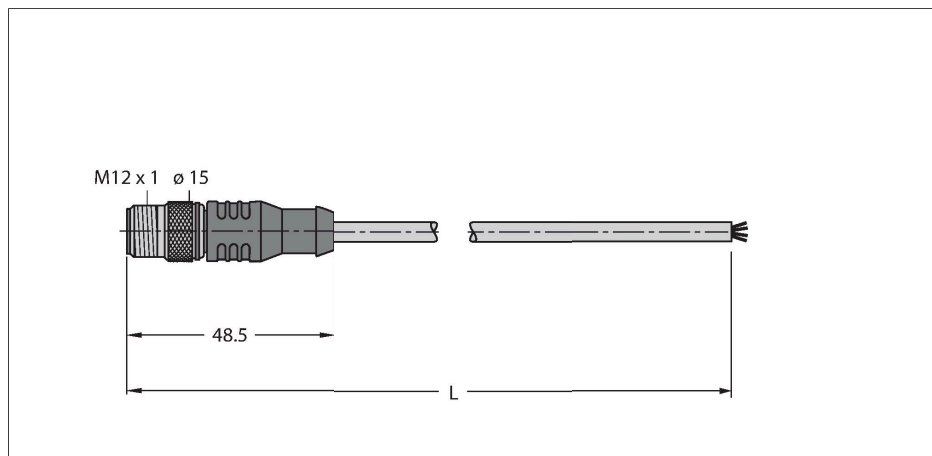


# RS4.5T-2/S2500

## RFID Cable Standard Version – Connection Cable

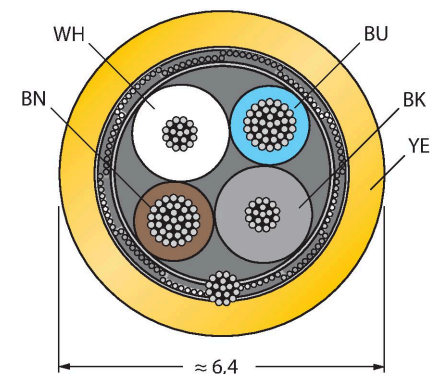


### Features



- 4-core, AWG 24/AWG 22
- Jacket material: PUR, color: yellow
- Halogen- and LABS-free
- Shield: Aluminum foil, tinned copper braid
- Jacket diameter: 6.4 mm
- Suitable for drag chain use, oil-resistant, highly flexible
- Cable UL Style 20963
- Open end
- Cable length: 2.0 m

### Cable Cross-Section



### Technical data

Type	RS4.5T-2/S2500
ID	100028733
Connector A	Male, M12 × 1, A-coded
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)	0.6 ... 1 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
<b>Cable</b>	
Cable diameter	Ø 6.4 mm
Cable length	2 m
Cable jacket	PUR, Yellow
Shielding	yes
<b>Data cable cores</b>	
Core cross-section	2 x 0.2 mm <sup>2</sup>
<b>Power cable cores</b>	
Core cross-section	2x 0.34 mm <sup>2</sup>
Core colors	Power: BN, BU Data: WH, BK
<b>Electrical properties at +20 °C</b>	
Rated voltage	30 V
DC resistance (loop)	103 Ω/km
Nom. impedance	135 Ω
Nom. capacitance	50 pF/m

## Technical data

### Mechanical and chemical properties

Bending radius (flexible use)	$\geq 8 \times \varnothing$
Bending cycles	$\geq 1$ million
Ambient temperature range (stationary)	-40 °C...+90 °C
Ambient temperature range (In motion)	-25 °C...+90 °C

### Other Features

Qualified for drag chain use	yes
Halogen-free	yes
Approvals	Cable UL Style 20963