



- 4-core, AWG 19/24 (data cable), AWG 19/22 (supply cable)
- Jacket material: PUR, color: black
- Halogen- and LABS-free
- Shield: Aluminum foil, tinned copper braid
- Jacket diameter: 6.7 mm
- Suitable for drag chain use, oil-resistant, flexible
- Cable UL Style 20549
- Cable length: 10 m



1 = RD (+)
2 = BU (Data)
3 = BK (GND)
4 = WH (Data)
5 = shield



1 = RD (+)
2 = BU (Data)
3 = BK (GND)
4 = WH (Data)
5 = shield

Type designation

WK4.5T-10-RS4.5T/S2503

Ident no.

7030338

Connector A

Number of Pins	Female, M12 × 1, Angled, A-coded
Contacts	5
Contact carriers	Metal, CuZn, Gold-plated
Connector body	Plastic, TPU, Black
Coupling nut/screw	Plastic, TPU, Black
Seal	Brass, CuZn-Ni, Nickel-plated
Mechanical lifespan	Plastic, FPM/FKM
Pollution degree	> 100 Mating cycles
Protection class	3
Tightening torque (range)	IP67, Only in screwed condition
	0.6 ... 1 Nm
	(observe max. torque of mating connector!)

Connector B

Number of pins	Male, M12 × 1, Straight, A-coded
Contacts	5 pins
Contact carriers	Metal, CuZn, Gold-plated
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Plastic, TPU, Black
Mechanical life	Brass, CuZn-Ni, Nickel-plated
Pollution degree	> 100 Mating cycles
Protection class	3
Tightening torque	IP67, Only when screwed together
	0.6 ... 1 Nm
	(observe max. torque of mating connector!)

Cable

Cable diameter	6.7
Cable length	10 m m
Cable jacket	PUR, Black
Shielding	yes
Core colors	Power: RD, BK, Data: WH, BU
Core cross-section	2 x 0.25 mm ²
Core cross-section	2 x 0.34 mm ²

Electrical properties at +20 °C

Rated voltage	60VV
Current	4 A
DC resistance (loop)	164 Ω/km

Mechanical and chemical properties

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



RFID Cable Economy Version
Extension Cable
WK4.5T-10-RS4.5T/S2503



Other Features

Qualified for drag chain use

yes

Approvals

Cable UL Style 20549