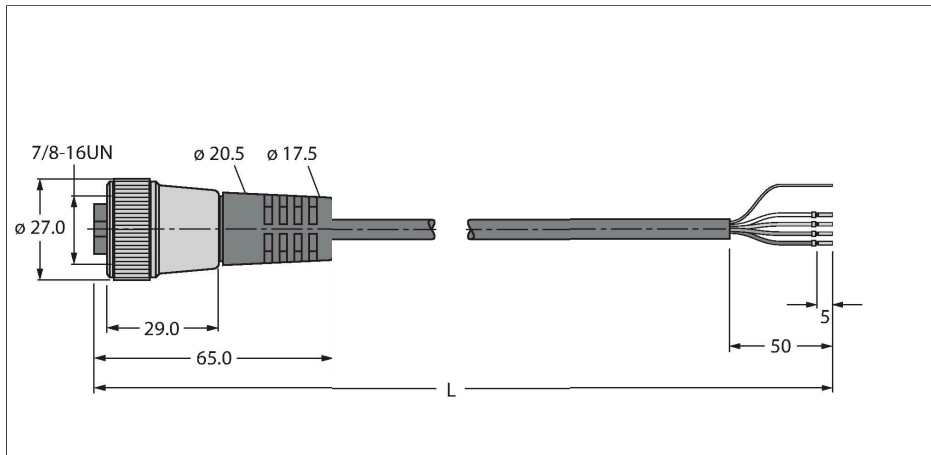


RKM 5723-10M

Bus Cable for CAN (DeviceNet, CANopen) – TPU Cable Jacket

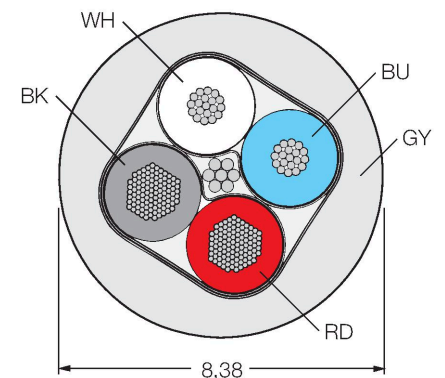


Features



- Jacket material: PUR
- Jacket color: gray
- Suitable for drag chain use
- UL approval
- End open
- 7/8" female, straight
- Cable length: 10 m

Cable Cross-Section



Contact assignment



Technical data

Type	RKM 5723-10M
ID	U8616-10
Connector A	Female, 7/8"-16 UN, Straight
Number of Pins	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Blue
Connector body	Plastic, TPU, Blue
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Cable	
Network protocol	DeviceNet CANopen, 5723
Cable diameter	Ø 8.38 mm
Cable length	10 m
Cable jacket	TPU, Gray
Shielding	yes
Core insulation	PE (Data), PVC (Power)
Data cable cores	
Core cross-section	2 x 0.52 mm ²
Arrangement of strands	41 x 0.1 mm
Power cable cores	
Core cross-section	2x 1.04 mm ²
Litz wire arrangement	82 x 0.1 mm
Core colors	Power: RD, BK, Data: WH, BU

Technical data

Electrical properties at +20 °C

Rated voltage	300 V
Current	7 A
DC resistance (loop)	34.1 Ω /km
Nom. impedance	110 Ω (1 MHz)
Nom. capacitance	40.52 pF/m

Mechanical and chemical properties

Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 15 \times \varnothing$
Ambient temperature range (stationary)	-40...+80 °C

Other Features

Qualified for drag chain use	yes
Halogen-free	no
Approvals	UL CSA

Note

- We reserve the right to make technical modifications without prior notice.