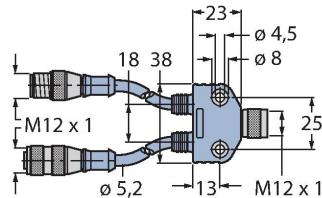


VB2-FKM/RKC RSC 572-0.5M-0.5M
2-Way Splitter – PVC Cable Jacket, Thin

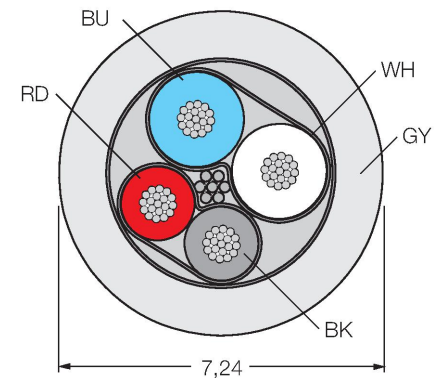


Features

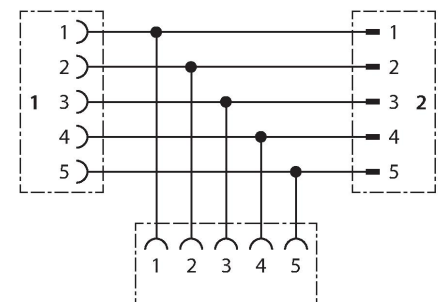


- Design: M12 adapter
- Y piece, 5-pin
- For use in CAN (DeviceNet™, CANopen) applications

Cable Cross-Section



Circuit Diagram



Technical data

Type	VB2-FKM/RKC RSC 572-0.5M-0.5M
ID	U0095-501
Connector A	M12 × 1
Number of Pins	5
Connector body	Plastic
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, Only in screwed condition
Connector B	M12 × 1, Straight
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic
Connector body	Plastic
Seal	Plastic
Mechanical life	> 100 Mating cycles
Protection class	IP67, Only when plugged
Cable	
Network protocol	DeviceNet CANopen, 572
Cable diameter	Ø 7.2 mm
Cable jacket	PVC, Gray
Shielding	yes
Core insulation	PE (Data), PVC (Power)
Data cable cores	
Core cross-section	2 x 0.34 mm ²
Arrangement of strands	19 x 0.15 mm
Power cable cores	
Core cross-section	2x 0.34 mm ²
Litz wire arrangement	19 x0.15 mm

Technical data

Core colors	Power: RD, BK, Data: WH, BU
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
Insulation resistance	$\geq 10^8 \Omega$
forward resistance	$\leq 5 \text{ m}\Omega$
DC resistance (loop)	59.3 Ω/km
Nom. impedance	126 Ω (1 MHz)
Nom. capacitance	39 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
Ambient temperature range (In motion)	-30...+75 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no
LABS free	yes
UV resistance	yes
Approvals	UL CSA