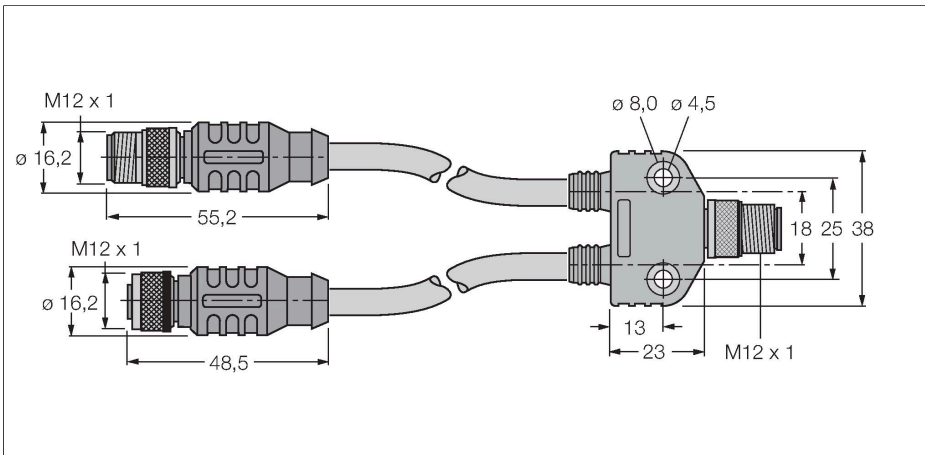


VB2-FSW/RSSW RKSX 455-0.5M-0.5M

2-Way Splitter – PROFIBUS Y-splitter, Fully Shielded, 12 Mbps, 2 × 0.5 m Cable Outlet

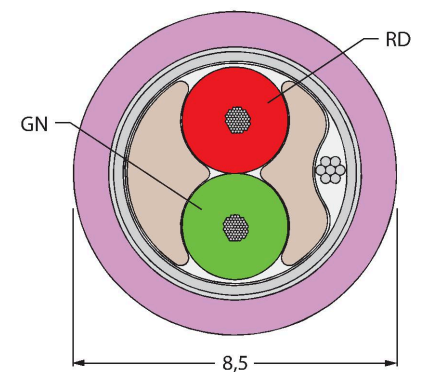


Features

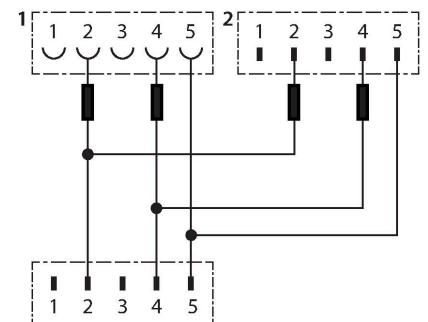


- PROFIBUS cable: AWG 22/1
- Jacket material: PVC, color: violet
- Jacket diameter: 8.5 mm
- UL approval
- Cable length: 0.5 m

Cable Cross-Section



Circuit Diagram



Technical data

Type	VB2-FSW/RSSW RKSX 455-0.5M-0.5M
ID	U3-00770
Connector A	Male, M12 × 1, Straight
Connector body	Plastic
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, Only in screwed condition
Connector B	Female Connector, Male Connector, 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	PROFIBUS-DP, 455
Cable diameter	Ø 8.5 mm ±0.15
Cable length	0.5 m
Cable jacket	PVC, Violet
Shielding	Aluminum foil, tinned copper wire
Core insulation	PE
Core cross-section	2 x 0.34 mm²
Arrangement of strands	19 x 0.15 mm
Core colors	GN, RD
Electrical properties at +20 °C	
Rated voltage	250 V

Technical data

Insulation resistance	$\geq 10^8 \Omega$
forward resistance	$\leq 5 \text{ m}\Omega$
DC resistance (loop)	50 Ω/km
Nom. impedance	150 Ω (1 MHz)
Nom. capacitance	29.53 pF/m
Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 15 \times \varnothing$
Ambient temperature (fixed)	-40...+80 °C
Ambient temperature (mobile)	-40...+80 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no
UV resistance	yes
Oil-resistant	no
Flame-retardant	yes
Approvals	UL CSA