FEATURES

- CANopen/DeviceNet

- Insulation Resistance >= 100 MΩ

- Neoprene O-Ring

- Brass nickel plated coupling nut

RS PRO M12 FEMALE STRIAGHT TO MALE STRIAGHT CANopen/DeviceNet 5 PIN 4 WIRE SHIELDED 10m BUS SYSTEM CABLE

RS Stock No.: 2067654

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

**Product Description
ATTRIBUTE 1**

M12 Connector Cable Assembly

Bus System Cable Assemblies, M12 RS PRO

A range of RS PRO M12 bus system connector cable assemblies, Straight M12 connector to Straight M12 connector. A-coded and compatible with CANopen and DeviceNet systems, M12 5 way connectors with Purple shielded cable in a variety of lengths to suit many applications.

Operating temperature range -25 to +75°C
IP67 rated once mated

Features and Benefits:
• Insulation Resistance >= 100 MΩ
• Neoprene O-Ring
• Brass nickel plated coupling nut

General Specifications

Rated Operational Voltage	60 V
Current Rating	4A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +75°C
Coding	A-Coded

Material Specifications

Grip Material	PU
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66
O-Ring	Neoprene
Grip Color	Black
Coupling Nut	Brass Nickel-Plated

Cable Specifications

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Cable Length-L	10 m
Cable Type	4 Core PVC CAN Bus Shielded Multi Strand
Sheath Color	Purple
Cross Section of Wire	2 x 0.25 sq. mm (POWER) 2 x 0.34 sq. mm (DATA)
No of Strands	7 (0.25 sq. mm) 7 (0.34 sq. mm)
Strands Diameter	0.205 ± 0.01 (0.25 sq. mm) 0.250 ± 0.01 (0.34 sq. mm)
Core Dia	1.25 mm (0.25 sq. mm) 1.30 mm (0.34 sq. mm)
Cable Dia	6.3 ± 0.3 mm
Cable Core Color	White, Blue (0.25 sq. mm) Red, Black (0.34 sq. mm)
Polyester Tape over individual pair	10X0.025 mm
Braiding Coverage (Min.)	65%

Protection Category

Degree of Protection	IP67

Additional Information

Custom Tariff Number	85369090

Approvals

Standards Met	IEC 61076-2-101

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
xxx-xxxx	RS PRO	RS PRO M12 Female Straight to Male Straight CANopen/DeviceNet 5 Pin 4 Wire Shielded 2m BUS System Cable	M12 CANopen/DeviceNet Cable Assembly Cable length 2m	M12 5-pin A-Coded Bus Cable System
xxx-xxxx	RS PRO	RS PRO M12 Female Straight to Male Straight CANopen/DeviceNet 5 Pin 4 Wire Shielded 5m BUS System Cable	M12 CANopen/DeviceNet Cable Assembly Cable length 5m	M12 5-pin A-Coded Bus Cable System

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories
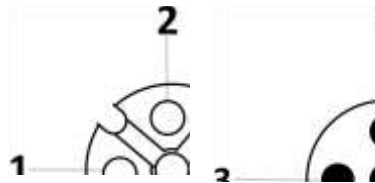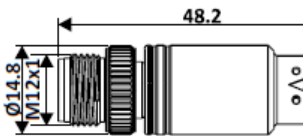
All Dimensions are in mm.

Circuit diagram