

## FEATURES

- IP67 rated
- Insulation Resistance  $\geq$  100 M $\Omega$
- Brass nickel plated coupling nut

# RS PRO M12 MALE REAR PANEL MOUNT TO RJ45 8 PIN SHIELDED 0.5m TEAL PUR CAT6 CABLE

RS Stock No.: 2305692



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 to Ethernet Network Cable Assemblies

A comprehensive range of shielded M12 Ethernet connector cable assemblies, featuring M12 to RJ45 connectors in CAT6 PUR Black Cable, and M12 to open ended cables all in varying lengths to suit application.

#### Features and Benefits:

- IP67 rated
- Brass nickel plated coupling nut
- Insulation Resistance  $\geq 100 \text{ M}\Omega$

## General Specifications

Rated Operational Voltage	30 V
Current Rating	1.5A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	-25°C ... +85°C
Coding	A-Coded
Coupling	Thread Locking
Shield	Yes

## Material Specifications

	M12	RJ45
Grip Material	Cu-Zn	PBT
Contact	Cu-Zn	Phosphor Bronze
Contact Plating	Gold Flash	Gold Flash
Contact Carrier	Nylon 66	PBT
Grip Color		Black
Coupling Nut	M16 x 1.5	

## Cable Specifications

Cable Length-L	0.5 m
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# RS PRO M12 MALE TO RJ45 CONNECTOR



Cable Type	Cat6 (4 x 2 Twisted Pair) PUR Shielded
Sheath Color	Teal
Cross Section of Wire	AWG 26
Cable Dia	6.8 ± 0.1 mm
Core Insulation	PE
Termination	RJ45
Transfer Parameters	CAT6
Transfer Rate	10 Gbit/s
Shielding Details	Braiding 75% Approx.

## Protection Category

Degree of Protection	IP67 (M12) – IP20 (RJ45)
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## Additional Information

Custom Tariff Number	85369090
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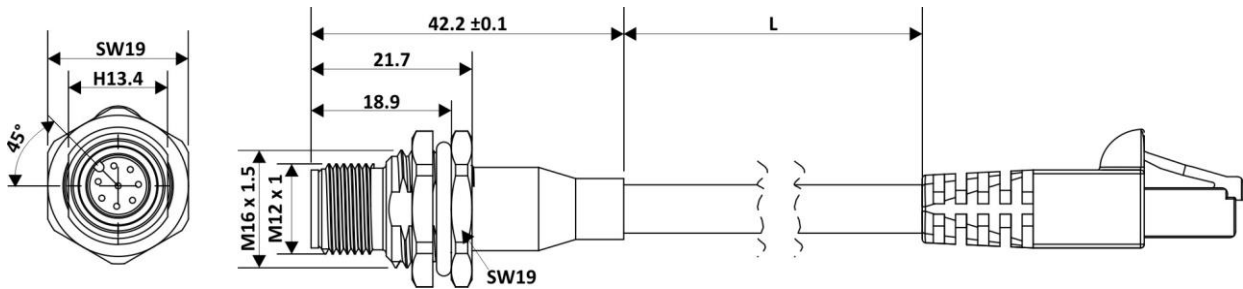
## Approvals

Standards Met	IEC 61076-2-101 (M12)
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## Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
2305693	RS PRO	M12 Male Rear Panel Mount to RJ45 01 meter Teal PUR Cable	Industrial Automation Cable Assemblies	M12 Ethernet Connector

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



All Dimensions are in mm.

