FEATURES

- IP67 rated

- Insulation Resistance >= 100 MΩ

- Brass nickel plated coupling nut

RS PRO M12 FEMALE REAR PANEL MOUNT TO RJ45 8 PIN SHIELDED 0.5m GREEN PVC CAT5 CABLE

RS Stock No.: 2500666

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.

RS PRO M12 FEMALE TO RJ45 CONNECTOR

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 halogen free shielded light blue 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 >= 100 MΩ

General Specifications

Rated Operational Voltage	50 V AC / 60 V DC
Current Rating	0.5A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +85°C
Coding	X-Coded
Shield	Yes

Material Specifications

	M12	RJ45
Grip Material	Brass Ni Plated	PBT
Contact	Cu-Zn	Phosphor Bronze
Contact Plating	Gold Flash	Gold Flash
Contact Carrier	Nylon 66	PBT
O-Ring	Neoprene	
Grip Color		Black
Pole	8	
Coupling Nut	M16 x 1.5	
X-shell	Zinc Alloy	

Cable Specifications

Cable Length-L	0.5 m
Cable Type	Cat6A (4 x 2 Twisted Pair) PUR Shielded

Sheath Color	Teal
Cross Section of Wire	AWG 26/7
Cable Dia	6.8 ± 0.1 mm
Termination	RJ45
Transfer Parameters	CAT6A
Transfer Rate	10 Gbit/s

Protection Category

Degree of Protection	IP67 (M12) – IP20 (RJ45)

Additional Information

Custom Tariff Number	85369090

Approvals

Standards Met	IEC 61076-2-109 (M12)

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories
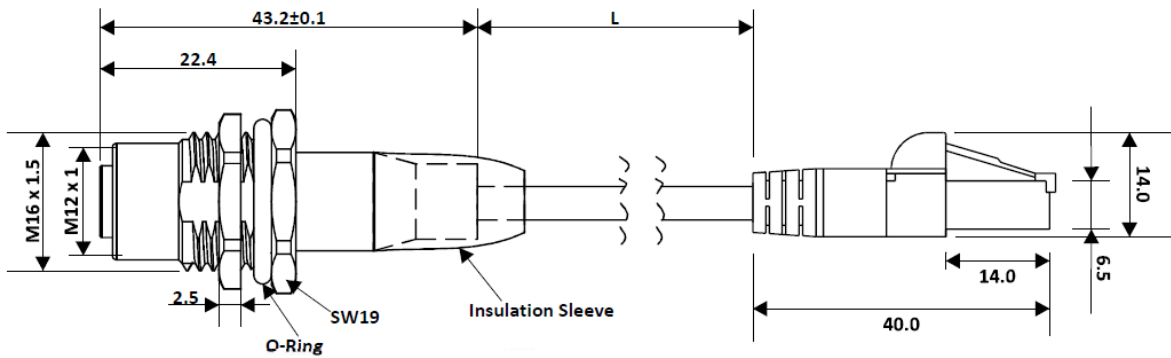
All Dimensions are in mm.
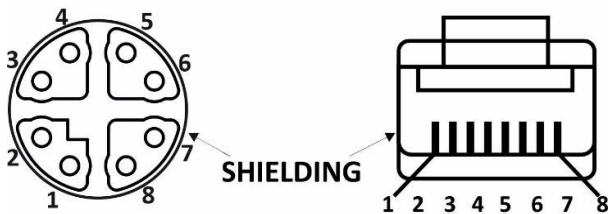
M12	Colour	RJ45
1	white/orange	1
2	orange	2
3	white/green	3
4	green	6
5	white/brown	7
6	brown	8
7	white/blue	5
8	blue	4
	shield	