FEATURES

• Dust poof and watertight, IP67 rated

• Insulation Resistance >= 100 MΩ

• Brass nickel plated coupling nut

• Data Transmit Rate upto 100 Mbit/s

RS PRO M12 MALE STRAIGHT D-CODED TO MALE RJ45 4 PIN SHIELDED 0.5m TEAL PUR CAT5E CABLE

RS Stock No.: 2080549

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 halogen free shielded light blue cable, and M12 to open ended cables all in varying lengths to suit application.

Features and Benefits:
• Dust poof and watertight, IP67 rated
• Brass nickel plated coupling nut
• Insulation Resistance >= 100 MΩ
• Data Transmit Rate upto 100 Mbit/s

General Specifications

Rated Operational Voltage	60 V
Current Rating	1.5A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +85°C
Coding	D-Coded

Material Specifications

	M12	RJ45
Grip Material	PU	PBT
Contact	Cu-Zn	Phosphor Bronze
Contact Plating	Gold Flash	Gold Flash
Contact Carrier	Nylon 66	PBT
Grip Color	Black	Black
Coupling Nut	Brass Nickel-Plated	Brass Nickel-Plated

Cable Specifications

Cable Length-L	0.5 m
Cable Type	Cat5e (2 x 2 Twisted Pair) PUR Shielded
Sheath Color	Teal
Cross Section of Wire	AWG 24

RS PRO M12 MALE TO RJ45 CONNECTOR

Cable Dia	6.2 ± 0.1 mm
Core Insulation	PE
Termination	RJ45
Transfer Parameters	CAT5E
Transfer Rate	up to 100 Mbit/s
Shielding Details	Braiding 75% Approx.

Protection Category

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

Additional Information

Custom Tariff Number	85369090

Approvals

Standards Met	IEC 61076-2-101 (M12)

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
3002017181	RS PRO	RS Pro M12 D Coded Male to RJ45 Cable assembly 2m PUR	Industrial Automation Cable Assemblies	M12 Ethernet Connector

RS PRO M12 MALE TO RJ45 CONNECTOR

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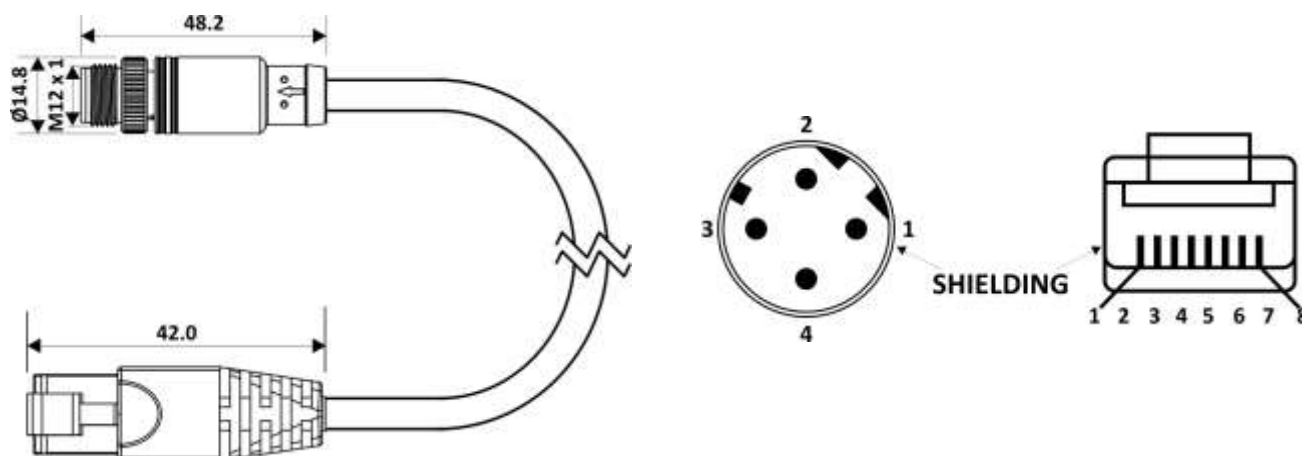
All Dimensions are in mm.

Wiring Diagram

M12	Colour	RJ45
1	Yellow	1
2	White	3
3	Orange	2
4	Blue	6
Shield		