FEATURES

• Dust poof and watertight, IP67 rated

• 360 degree shielding

• Full metal shield between pairs of wires

• Insulation Resistance >= 100 MΩ

• Brass nickel plated coupling nut

• Data Transmit Rate upto 10 Gbit/s

RS PRO M12 MALE STRAIGHT X-CODED TO MALE RJ45 8 PIN 8 WIRE SHIELDED 5m TEAL PUR CAT6A CABLE

RS Stock No.: 2067670

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

RS PRO Patch Cords, M12 Series, 8 Way, X Coded

From RS PRO, these M12 patch cables are ideal for ethernet applications. The X-coded CAT.6A cable assemblies can transmit data rates of up to 10 Gbit/s, and with a M12 circular Moulded connector, they resistant to vibration and ideal for industrial environments.

Offered in M12 to M12 and M12 to RJ45 versions in a variety of lengths, the M12 X-coded of 8 way can be used for many applications, such as security and video surveillance systems, production and manufacturing, renewable energy or use with railway vehicles data systems.

Features and Benefits:
• Dust poof and watertight, IP67 rated
• Brass nickel plated coupling nut
• 360 degree shielding
• Insulation Resistance >= 100 MΩ
• Full metal shield between pairs of wires

General Specifications

Rated Operational Voltage	50 V AC / 60 V DC
Current Rating	0.5A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +75°C
Coding	X-Coded

Material Specifications

	M12	RJ45
Grip Material	PU	PVC
Contact	Cu-Zn	Phosphor Bronze
Contact Plating	Gold Flash	Gold Flash
Contact Carrier	Nylon 66	Polycarbonate
Grip Color	Black	Black
Coupling Nut	Brass Nickel-Plated	
X-shell	Zinc Alloy	

Cable Specifications

Cable Length-L	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)

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
xxx-xxxx	RS PRO	RS PRO M12 Male Straight X-Coded to Male RJ45 8 Pin 8 Wire Shielded 1m Teal PUR CAT6A Cable	M12 X-Coded Ethernet Cable Connector	M12 X-Coded 8 pin Ethernet Connector with CAT6A Cable
xxx-xxxx	RS PRO	RS PRO M12 Male Straight X-Coded to Male RJ45 8 Pin 8 Wire Shielded 10m Teal PUR CAT6A Cable	M12 X-Coded Ethernet Cable Connector	M12 X-Coded 8 pin Ethernet Connector with CAT6A Cable

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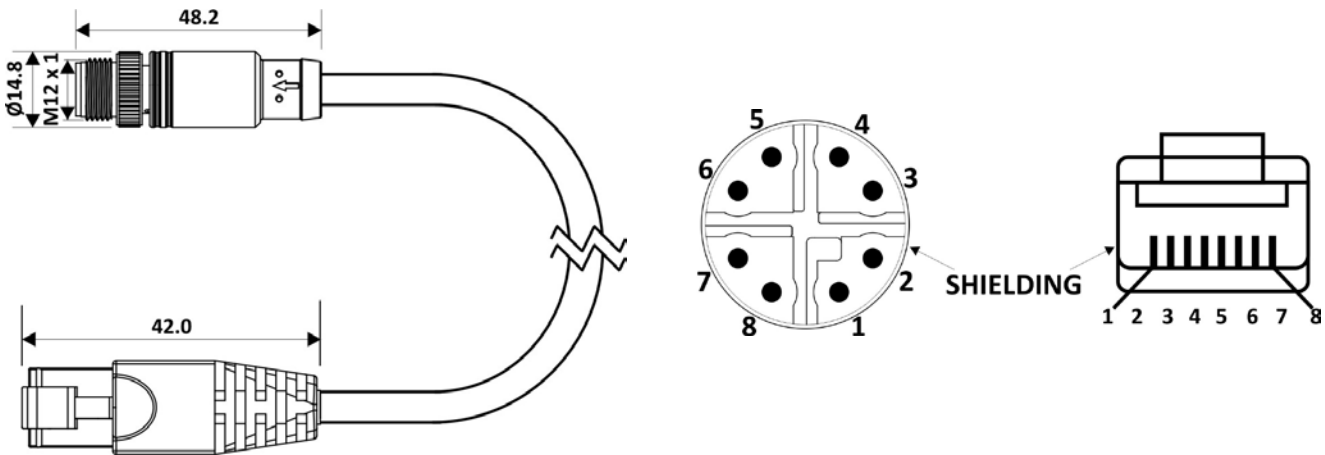
All Dimensions are in mm.

Wiring Diagram

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	