

## FEATURES

- Dust proof and watertight, IP67 rated
- 360 degree shielding
- Full metal shield between pairs of wires
- Insulation Resistance  $\geq$  100 M $\Omega$
- Brass nickel plated coupling nut
- Data Transmit Rate upto 10 Gbit/s

# RS PRO M12 MALE TO MALE STRAIGHT X-CODED 8 PIN 8 WIRE SHIELDED 1m GREEN PVC CAT6A CABLE

RS Stock No.: 2067661



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  $\geq 100 \text{ M}\Omega$
- Full metal shield between pairs of wires

## General Specifications

Rated Operational Voltage	50 V AC / 60 V DC
Current Rating	0.5A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	-25°C ... +75°C
Coding	X-Coded

## Material Specifications

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

## Cable Specifications

Cable Length-L	1 m
Cable Type	Cat6A (4 x 2 Twisted Pair) PVC Shielded
Sheath Color	Green
Cross Section of Wire	AWG 26/7
Cable Dia	6.8 ± 0.1 mm
Transfer Parameters	CAT6A
Transfer Rate	10 Gbit/s

## Protection Category

Degree of Protection	IP67
----------------------	------

## Additional Information

Custom Tariff Number	85369090
----------------------	----------

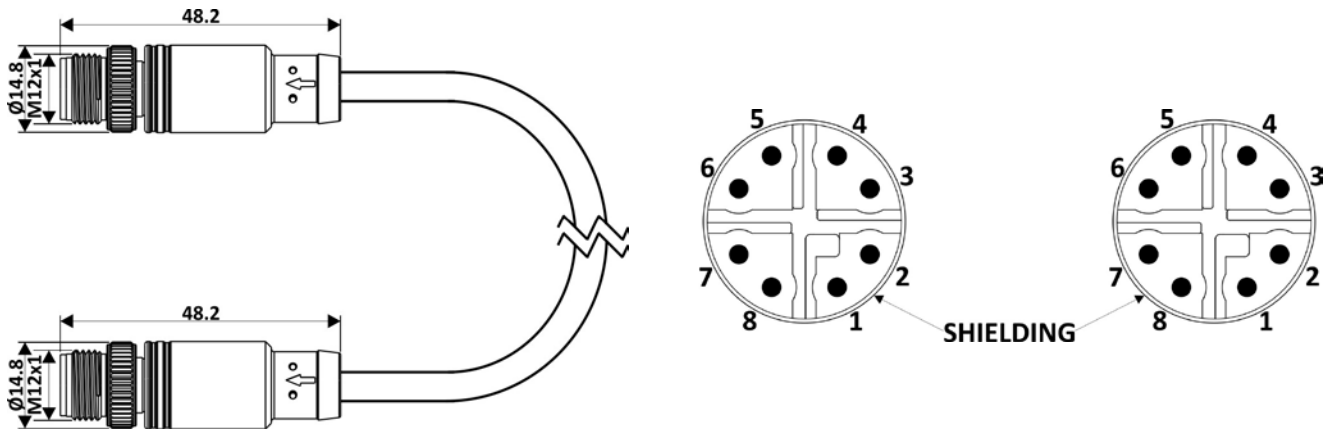
## Approvals

Standards Met	IEC 61076-2-109
---------------	-----------------

## Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
206-7663	RS PRO	RS PRO M12 Male to Male Straight X-Coded 8 Pin 8 Wire Shielded 5m Green PVC CAT6A Cable	M12 X-Coded Ethernet Cable Connector	M12 X-Coded 8 pin Ethernet Connector with CAT6A Cable
206-7665	RS PRO	RS PRO M12 Male to Male Straight X-Coded 8 Pin 8 Wire Shielded 10m Green PVC 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	M12
1 ■	white/orange	1 ■
2 ■	orange	2 ■
3 ■	white/green	3 ■
4 ■	green	4 ■
5 ■	white/brown	5 ■
6 ■	brown	6 ■
7 ■	white/blue	7 ■
8 ■	blue	8 ■
shield		