

M12 Circular Connector



M12 Dual X-Coded Male to Male Straight 8 Pin Connector

Product Image



Product may differ from image.

General Specification

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
Tightening Torque	0.6 Nm
Degree of Protection	IP67
Coding	X-Coded

Material Specification

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

Cable Specification

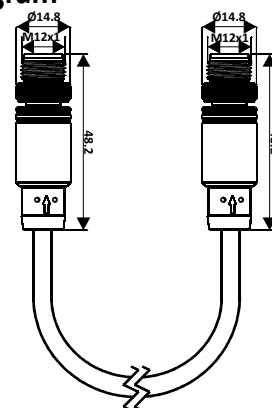
Cable Length-L	2 m
Cable Type	Cat6A PVC (4 x 2 Twisted Pair)
Sheath Colour	Green
Cross Section of Wire	AWG 26/7
Cable Dia	$6.8 \pm 0.1 \text{ mm}$
Transfer Parameters	CAT6A
Transfer Rate	10 Gbit/s

Ordering Part No.

Cable Length	Part Number
2 m	CDM12S8X-M12S8X-02GVC6-SH
5 m	CDM12S8X-M12S8X-05GVC6-SH
10 m	CDM12S8X-M12S8X-10GVC6-SH

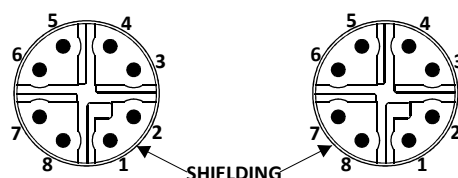
*Please contact factory for customized cable lengths.

Product Diagram



All dimensions are in mm.

Pin Assignment



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		

Specification & Approval

RoHS	Compliant with Exemption
RoHS exemption	6©: Copper alloy containing up to 4 % lead by weight
REACH SVHC substances	Yes
REACH SVHC substances	CAS 7439-92-1 (Lead)
CE	Yes
Standard	IEC 61076-2-109

