



Ethernet Series

Etherplug (M12)

Over-Molded Cordsets | Armored Cordsets | Receptacles | Field Wireables | Switches | Accessories

UL File #:
E149111



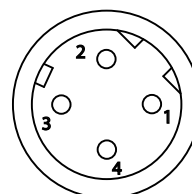
Industrial network systems allow for real-time distributed control of many connection points from a single controller. These “network bus” systems reduce the total amount of cable required and can simplify the overall design. Mencom offers a broad range of industrial network connectivity products to streamline your installation.

Industrial Ethernet

Using Ethernet in industrial applications is becoming more prevalent. This has increased the need for Ethernet product that is built to handle harsh environments. Mencom has addressed this need with a series of rugged Ethernet products. Our E45V3 series connectors allow for an IP67 rating while using standard RJ45 connectors.

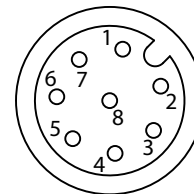
Mencom offers M12 threaded connectors. We refer to this series with a MDE45 prefix. Our MDE45 series utilizes M12 4 wire (D-Coded) connectors with 2 pair Cat 5e cables or M12 8 wire (A-Coded) connectors with 4 pair Cat 5e cable. The MDE45 is specifically used in Industrial Ethernet applications, and has teal cable using twisted pairs of wires inside. This connector has a unique keyway that is known as D-coded.

4 Pole

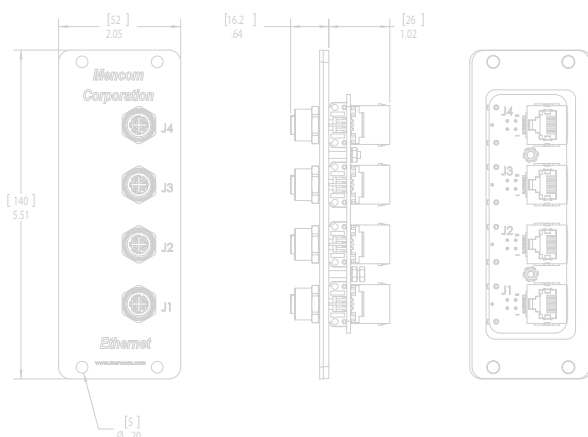


D-coded

8 Pole



A-coded





Ethernet (M12) Series Etherplug Cordsets

Ethernet Series Cordset Part Number Matrix



Not all options available with all cordsets, please consult factory.

MDE45 [] - [] [] - [] [] - [] [] - [] [] - [] [] - [] []

Cable Type

Blank = PVC
P = PUR
PB = PUR / Braided Shield
M = Mylar Shield
WB = Continuous Flex. TPE / Braided

Number of Conductors

4
8

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight
MMP = Male/Male Extension
FFP = Female/Female Extension
MSP = Male-Shielded to Coupling Nut
FSP = Female-Shielded to Coupling Nut
MFPS = Male & Female-Shielded to Coupling Nut
MSFP = Male Shielded to Coupling Nut / Female Not
MFSP = Female Shielded to Coupling Nut / Male Not
MMSP = Male/Male Shielded to Coupling Nut
FFSP = Female/Female Shielded to Coupling Nut

Length in Meters

1M
2M
4M
5M
6M
10M
15M

Other lengths are available by request.

RJ45

RJ45 = RJ45 Male on Second End

Armor (See L-19 for more details)

Blank = No Armor
A01 = SS w/ Cable Inside
A03 = PVC Covered SS w/ Cable Inside
A50 = Silicone (Stops at Overmold)
A51 = Silicone (Covers Overmold)

Coupling Nut

Blank = Nickel plated brass
SS = Stainless Steel

Cable Jacket Color

Blank = Teal
RD = Red

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors