



Ethernet Series

Etherplug (M12)

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

UL File #:
E149111



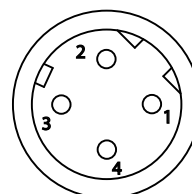
Industrial network systems allow for real-time distributed control of many connection points from a single controller. These “network bus” systems reduce the total amount of cable required and can simplify the overall design. Mencom offers a broad range of industrial network connectivity products to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

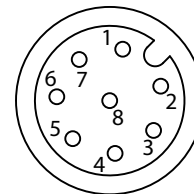
Mencom offers M12 threaded connectors. We refer to this series with a MDE45 prefix. Our MDE45 series utilizes M12 4 wire (D-Coded) connectors with 2 pair Cat 5e cables or M12 8 wire (A-Coded) connectors with 4 pair Cat 5e cable. The MDE45 is specifically used in Industrial Ethernet applications, and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

4 Pole

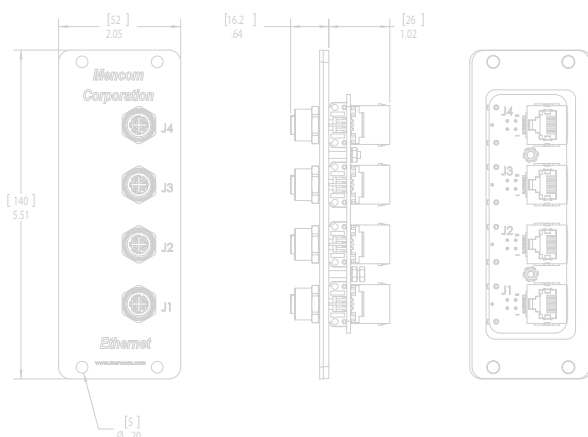


D-coded

8 Pole



A-coded





Ethernet (M12) Series Etherplug Receptacles

Ethernet Series Receptacle Part Number Matrix



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

MDE45 - - - - - - - -

Number of Conductors

4
8

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

RJ45

Blank = No RJ45
RJ45 = RJ45 Male on Second End
RJ45S = RJ45 Shielded Male on Second End

Mounting Style

2 = Front Mount 1/2"-14 NPT
4 = Front Mount 1/4"-18 NPT
PG9 = Front Mount PG 9 Threads
M16 = Front Mount Metric 16 Threads
M20 = Front Mount Metric 20 Threads
BM = Back Mount
TM = Through Panel Mount

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

Color Code

Blank = Standard Color Code w/ Cable
E45 = Discrete Wire Ethernet Color Code
CC = Cross-Over Color Code

Length in Meters

Termination Type

Blank = Pre-Wired
PCB = PCB Mount
PCB-R = PCB Right Angle