

M8 to M8 Industrial Ethernet Cable Assembly

These M8 to M8 cable assemblies are suitable for industrial Ethernet applications and external interconnection of electronic equipment. They are designed for flexible use and indoor installation in EtherCAT and EtherNet/IP systems.



Product Overview

Industrial Ethernet Connectivity

This M8 to M8 Industrial Ethernet Cable Assembly is engineered for robust data transmission in demanding industrial environments. Featuring a shielded CAT5e design with protection against electromagnetic interference, it ensures reliable signal integrity for automation and robotics applications. The assembly is built for durability with high-quality materials and an IP67 protection rating, offering flexibility and ease of installation.

Technical Specifications

Protection Classification

IP67

Characteristic Impedance

100 Ω

Coding Type

A

Performance Standard

CAT5e

Cable Construction

Conductor

Stranded copper wire

Insulation

PE

Shielding

AL/Mylar screen and tinned copper wire braid

Available Jacket Materials

PVC, LSZH, PUR

Connector Configuration

4 pole M8 connectors on both ends

Environmental Performance

Temperature Range (Fixed)

Material	Range
PVC	-20°C ~ 70°C
LSZH/PUR	-40°C ~ 80°C

Temperature Range (Installed)

Material	Range
PVC/LSZH	-5°C ~ 60°C
PUR	-20°C ~ 80°C

Minimum Bending Radius

8 D

Fixed Application

15 D

Occasional Movement

Flame Resistance

Compliant with IEC60332-1