

# INTRODUCING INDUSTRIAL MINI I/O CABLE ASSEMBLIES

- Provide a reliable connection in harsh industrial and vibration-prone environments
- Allow for increased design flexibility with a space saving solution



TE Connectivity (TE) introduces the industrial mini I/O cable assembly, a reliable and space saving I/O solution for industrial environments that provides innovative and time-saving wire-termination. At a quarter of the size of conventional RJ45 plugs, the industrial mini I/O connector provides the ability to use limited space on the PCB more effectively. Designed with two points of contact, this connector is built for the stringent demands of industrial and high vibration environments, enabling increased productivity through a reliable connection. The industrial mini I/O cable assemblies come in a variety of cable versions, including a mini I/O to industrial RJ45 cable assembly. These cable assemblies support design flexibility across a broad range of application needs, from providing protection in harsh environments to allowing for the use of high flexible cables inside the cabinet.

## BENEFITS

- Provide a reliable connection in harsh industrial and vibration-prone environments
- Allow for increased design flexibility with a space saving solution
- Prevent miss-matching with the keying interface
- Offer a variety of cable versions for harsh environments and use inside the cabinet

## APPLICATIONS

- Industrial Communications
- Motion & Drives
- PLC's
- Robotics

## MATERIALS

### Connector

- Shell : Copper Alloy
- Contact : Copper Alloy
- Housing : Thermoplastic

### Cable

- PVC, TPE or PUR

## MECHANICAL

### Temperature rating :

- -40°C to 70°C PUR cable
- -40°C to 110°C PVC cable
- -40°C to 125°C TPE cable

## ELECTRICAL

- Voltage rating : 30V
- Current rating : 0.5A

## STANDARDS & SPECIFICATIONS

- Meets CAT5E requirements when used in an Ethernet application product specification : 108-78955
- Application specification : 114-5506

## LEARN MORE

[Industrial Mini I/O Cable Assemblies Landing Page](#)

[Industrial Mini I/O Cable Assemblies Flyer](#)

[Micro-MaTch Cable Assemblies Video](#)

[Industrial Mini I/O Cable Assemblies Parts List](#)

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