

# 4-Pole M8 Shielded Cable Assembly

Suitable for use in automation technology and industrial applications, as well as external interconnection of electronic equipment. Shielded to prevent electrical interference, these cable assemblies are designed for flexible use and indoor installation.



## Product Overview

### High-Performance M8 Shielded Connectivity

This 4-pole M8 shielded cable assembly is engineered for reliable signal transmission in demanding industrial environments. Featuring advanced EMI shielding through AL/Mylar screening and tinned copper braiding, it ensures signal integrity even in high-interference settings. With options for both PVC and PUR jacketing, these assemblies offer excellent resistance to abrasion and oil, making them a durable choice for flexible and fixed industrial applications.

## Technical Specifications

### Protection Classification

IP67

### Minimum Bending Radius

**4 D**

Fixed Application

**7.5 D**

Mobile Application

### Connector Coding

A-coded

## Environmental Performance

### Temperature Range (PVC)

Application Type	Range
Fixed	-40°C to 80°C
Mobile	-5°C to 70°C

### Temperature Range (PUR)

Application Type	Range
Fixed	-40°C to 80°C
Mobile	-20°C to 80°C

## Construction & Materials

### Cable Construction

- Conductor: Fine stranded bare copper wire
- Insulation: PVC
- Shielding: AL/Mylar screen and tinned copper braiding
- Jacket: PVC or PUR
- Colors: Blue, brown, black, white

## Key Features

### Key Properties

EMI Resistant, Abrasion Resistant, Oil Resistant, Flame Resistant (IEC60332-1), Flexible