

3-Pole M8 Shielded Cable Assembly

This shielded cable assembly is suitable for automation technology and the external interconnection of electronic equipment in industrial applications. It is designed for flexible use and indoor installation in environments with high electrical interference.



Overview

Industrial M8 Shielded Connectivity

This 3-pole M8 shielded cable assembly is engineered for robust signal transmission in demanding industrial environments. Featuring advanced shielding with AL/Mylar screen and tinned copper braiding, it provides excellent protection against external EMI. Designed for versatility, the cable is available in both PVC and PUR jacket options, ensuring resistance to abrasion and oil for long service life.

Technical Specifications

Protection Classification

IP67

Temperature Range

Application	PVC Range	PUR Range
Fixed	-40°C to 80°C	-40°C to 80°C
Mobile	-5°C to 70°C	-20°C to 80°C

Connector Coding

A

Construction

Cable Materials

- Conductor: Fine stranded bare copper wire
- Insulation: PVC
- Shielding: AL/Mylar screen and tinned copper braiding
- Jacket: PVC or PUR

Core Colors

Blue, Brown, Black

Mechanical Properties

Minimum Bending Radius

4 D

Fixed Application

7.5 D

Mobile Application

Key Performance Features

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