

5-Pole M12 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.



Product Overview

High-Performance Industrial Connectivity

This 5-pole M12 shielded cable assembly is engineered for reliable signal transmission in demanding industrial environments. Featuring robust shielding against external EMI and a flexible, abrasion-resistant design, it ensures long service life and easy equipment integration. Available in multiple lengths and sheath materials, it provides secure connectivity for sensors and actuators.

Technical Specifications

Protection Classification

IP67

Cable Construction

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

Coding

A

Core Colors

Blue, Brown, Black, White, Green-Yellow

Temperature Ratings

Temperature Range (°C)

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

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