

5-Pole M12 Cable Assembly

This cable assembly is suitable for use in automation technology and industrial applications for interconnecting electronic equipment. It is designed for flexible use and indoor installation.



Product Overview

High-Performance M12 Connectivity

This 5-pole M12 cable assembly is engineered for robust performance in demanding industrial automation and sensor applications. Featuring a durable construction with fine stranded bare copper wire and options for PVC or PUR jacketing, it offers excellent resistance to EMI, abrasion, and oil. Designed for long service life and high flexibility, these assemblies are suitable for drag chain use and provide reliable data and power transmission in harsh environments.

Technical Parameters

Protection Classification

IP67

Temperature Range (Fixed)

-40 °C

Min Temp

80 °C

Max Temp

Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	7.5D

Coding

A

Cable Construction

Insulation Colors

- Blue
- Brown
- Black
- White
- Green-Yellow

Conductor Material

Fine stranded bare copper wire

Jacket Materials

PVC, PUR

Properties & Compliance

Key Properties

- Flame resistance (IEC60332-1)
- Excellent EMI resistance
- Resistant to abrasion and oil
- Suitable for drag chain use
- High flexibility