

PROFIBUS-DP M12 to M12 Cable Assembly

This PROFIBUS-DP cable assembly is designed for DeviceNet and CANopen applications in automation technology. It is suitable for the external interconnection of electronic equipment and indoor installation.



Product Overview

Industrial PROFIBUS-DP Connectivity

This PROFIBUS-DP M12 to M12 cable assembly is engineered for reliable data transmission in demanding industrial automation environments. Featuring robust shielding and excellent resistance to oil, abrasion, and EMI, it ensures signal integrity for PLCs, sensors, and actuators. Designed for both fixed and mobile applications, these flexible assemblies provide a long service life and easy equipment integration.

Technical Specifications

IP Rating

IP67

Characteristic Impedance

150 Ω

Coding

A

Connector Configuration

5 core M12 to M12

Cable Construction

Insulation

- Foamed PE (signal pair)
- PE (power pair)

Shielding

AL/Mylar individual screen, Tinned copper overall braid

Jacket Options

PVC, PUR

Environmental Performance

Operating Temperature Range

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

Compliance

IEC60332-1