

M12 4-Pole Cable Assemblies

Suitable for use in automation technology and industrial applications, and for external inter-connection of electronic equipment. These assemblies are suitable for flexible use and indoor installation.



Overview

High-Performance M12 Cable Assemblies

These M12 4-pole cable assemblies are designed for reliable signal transmission in demanding industrial environments. Featuring robust construction with fine stranded bare copper wire and durable PVC or PUR jacketing, they ensure a long service life and high flexibility. With an IP67 protection rating and excellent resistance to abrasion and oil, these patchcords are ideal for automation and sensor connectivity applications.

Technical Specifications

Protection Classification

IP67

Minimum Bending Radius

Application Type	Radius
Fixed Application	4D (D=cable diameter)
Mobile Application	7.5D (D=cable diameter)

Coding

A

Temperature Ratings

Operating 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

Cable Construction

Conductor Material	Fine stranded bare copper wire
Insulation Material	PVC
Jacket Materials	PVC, PUR

Key Features

Performance Properties

- Flame resistance according to IEC60332-1
- Resistant to abrasion and oil (especially for PUR)
- Long service life
- Flexible use for easy equipment changes
- Available in a variety of lengths and sheath options