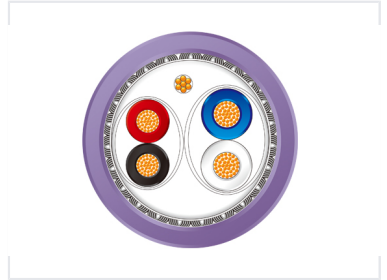


# DeviceNet FD Bus Cable

This cable is used in DeviceNet Bus systems to connect industrial equipment in automation processes. It provides a lower cost network solution with an opening network standard, using one pair for data transmission and another for power supply, making it suitable for high-flexibility applications.



## Overview

### DeviceNet FD Bus Cable

This DeviceNet FD Bus Cable is engineered for reliable performance in industrial communication networks. Featuring a robust construction with a combination of power and data cores, it ensures signal integrity through comprehensive shielding. Its high-quality PVC or PUR jacket options provide excellent resistance to oil, abrasion, and hydrolysis, making it suitable for demanding flexible applications.

## Electrical Specifications

### Characteristic Impedance

**120**  $\Omega$   
Impedance

### Insulation Resistance

Conductor Size	Resistance
24AWG	eG@m
22AWG	e1M.km

Rated Voltage	300 V
Test Voltage	1500 V

## Mechanical & Environmental

### Minimum Bending Radius

Application	Radius
Fixed Application	10D
Moved Application	15D

Temperature Range (Fixed)	-40°C ~ 80°C
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## Cable Construction

Conductor Material	Fine stranded tinned copper wire
Insulation Materials	Foamed PE (24AWG), PE (22AWG)
Shielding	AL / Mylar individual screen, and tinned copper overall braid
Jacket Materials	PVC, PUR

## Features

### Key Features

- Flame resistance (IEC60332-1)
- Excellent EMI resistance
- Oil, abrasion, and hydrolysis resistant (PUR jacket)
- Combined power and data cores