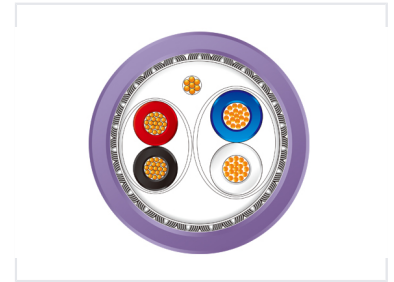


# DeviceNet Bus Cable

This cable is used in DeviceNet bus systems to connect industrial equipment in automation processes. It offers a cost-effective network solution with an open network standard, featuring one pair for data transmission and another for power supply, suitable for both fixed and occasional movement applications.



## Overview

### Industrial DeviceNet Connectivity

This high-performance DeviceNet bus cable is engineered for reliable communication in demanding industrial automation environments. It features a sophisticated dual-core construction that integrates both power and data transmission into a single, shielded cable. With options for PVC, LSZH, or PUR jacketing, it offers excellent resistance to electromagnetic interference and ensures robust signal integrity for controllers and industrial devices.

## Electrical Specifications

### Characteristic Impedance

**120 Ω**  
Impedance

Rated Voltage	300 V
Test Voltage	1500 V
Conductor DCR (20°C)	53 @m

## Temperature Ratings

### Operating Temperature Ranges

Jacket Type	Fixed Application	Occasional Movement
PVC	-20°C to 70°C	-5°C to 60°C
LSZH	-40°C to 80°C	-5°C to 70°C
PUR	-40°C to 80°C	-20°C to 60°C

## Construction

### Insulation Materials

- Foamed PE (24AWG)
- PE (22AWG)

Available Jacket Materials	PVC, LSZH, PUR
Shielding	AL/Mylar individual screen with tinned copper overall braiding
Conductor Material	Stranded tinned copper

## Features

### Key Features

Flame Resistant • EMI Shielded • Halogen Free • Low Smoke • Integrated Power & Data

## Mechanical

### Minimum Bending Radius

15D (D = cable diameter)