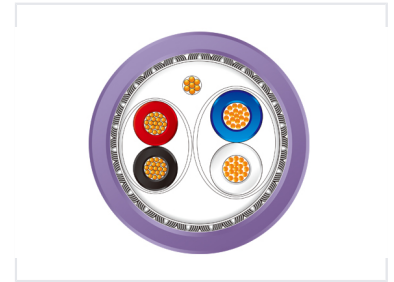


DeviceNet Bus Cable

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 Ω /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)