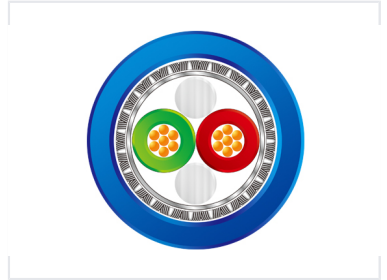


Profibus-PA Fieldbus Cable

This Profibus-PA cable is designed for industrial field bus systems in automation and communication. It is suitable for fixed applications and intended for use in areas with high electrical interference.



Overview

Profibus-PA Fieldbus Cable

This Profibus-PA fieldbus cable is engineered for reliable data transmission in industrial process automation environments. Featuring a robust shielded construction using AL/Mylar and tinned copper braiding, it provides excellent resistance to electromagnetic interference (EMI). The cable is designed for versatility, offering options for PVC or LSZH jacketing to suit specific safety and environmental requirements.

Electrical Specifications

Characteristic Impedance

100 Ω
Impedance

Rated Voltage	300 V
Test Voltage	2000 V

Mechanical & Environmental

Temperature Range (PVC)	-20°C ~ 70°C
Temperature Range (LSZH)	-40°C ~ 80°C
Minimum Bending Radius	10D (D = cable diameter)

Construction

Jacket Material

PVC • LSZH

Conductor Material	Solid or stranded copper wire
Insulation Material	PE
Shielding	AL/Mylar, Tinned copper braiding

Features

Key Features

- Flame resistance (IEC60332-1)
- EMI resistance shielding
- Halogen-free (LSZH)
- Low smoke emission