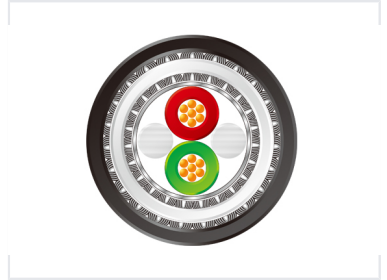


Armored PROFIBUS-DP Cable for Industrial Automation

This PROFIBUS-DP cable is designed for industrial field bus systems used in automation and communication. The cable is suitable for tensile stress areas and buried installation, with SHF1 and SHF2 jacket options available for ships and offshore environments.



Product Overview

Industrial Communication Reliability

This armored PROFIBUS-DP cable is engineered for robust performance in demanding industrial automation environments. It features a specialized construction with galvanized steel wire braiding to protect against mechanical stress and electromagnetic interference. Designed for reliable data transmission, it offers excellent oil and flame resistance, making it suitable for connecting PLCs, I/O devices, and other critical automation components.

Electrical Specifications

Rated Voltage	300 V
Test Voltage	2000 V
Characteristic Impedance	150±15Ω @ 3-20MHz
Conductor DCR (20°C)	d50m

Environmental & Mechanical

Temperature Range (PVC)	-20°C to 70°C
Temperature Range (PE/SHF1/SHF2)	-40°C to 80°C
Min. Bending Radius	15D (Fixed Application)

Construction Details

Cable Components

Component	Material / Detail
Conductor	Solid or stranded bare copper
Insulation	Foamed PE
Shielding	AL/Mylar + Tinned copper braiding
Inner Jacket	PVC / SHF1
Armour	Galvanized steel wire braid
Outer Jacket	PVC / SHF1 / SHF2 / PE

Compliance & Properties

Performance Features

EMI Resistant • Oil Resistant • Mud Resistant (SHF2) • High Tensile Strength

Flame Resistance Standards	IEC60332-1, IEC60332-3C
----------------------------	-------------------------