

INTERBUS Communication Cable for Industrial Automation

This cable is widely used in industrial field bus systems for applications such as automobile manufacturing, tobacco processing, warehousing, and food and beverage production. It features shielded twisted pairs for reliable data transmission in industrial automation and control systems.



Overview

Industrial INTERBUS Communication Cable

This INTERBUS communication cable is engineered for reliable data transmission in industrial automation and control systems. It combines power and data cores into a single hybrid cable, facilitating efficient real-time exchange between sensors, actuators, and controllers. Designed with shielding to minimize electromagnetic interference, this cable ensures signal integrity even in demanding environments.

Technical Parameters

Rated Voltage	300 V
Test Voltage	1500 V
Characteristic Impedance	100±15Ω @ MHz

Temperature Range

Fixed Application

Jacket Type	Temperature Range
PVC	-20°C ~ 70°C
PUR	-40°C ~ 80°C

Moved Application

Jacket Type	Temperature Range
PVC	-5°C ~ 60°C
PUR	-20°C ~ 70°C

Cable Construction

Construction Materials

- Conductor: Stranded bare copper
- Insulation: PE
- Shielding: Bare copper braid
- Jacket Color: Green

Minimum Bending Radius

10 D Fixed Application	15 D Moved Application
----------------------------------	----------------------------------

Features

Key Features

Flame Resistance (IEC60332-1), EMI Resistant, Oil Resistant (PUR), Abrasion Resistant (PUR), Hydrolysis Resistant (PUR)