

RS-485 Communication Bus Cable

This communication cable complies with the RS-485 protocol. It is suitable for complicated controlled networks in industrial automation and building self-control network communication, and can be used in fixed or mobile applications.



Overview

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This RS-485 communication bus cable is engineered for reliable data transmission in industrial and automation environments. Featuring a robust construction with a stranded bare copper conductor and dual shielding, it effectively resists external EMI for stable performance. The cable is designed for versatility, suitable for both fixed installations and applications requiring occasional movement.

Electrical Specifications

Characteristic Impedance

120 Ω
Impedance

Test Voltage

1500 V

Temperature Range

Fixed Application

-20°C ~ 70°C

Occasional Movement

-5°C ~ 60°C

Mechanical Properties

Minimum Bending Radius

Application	Radius
Fixed Application	8D
Occasional Movement	15D

Cable Construction

Materials & Shielding

- Conductor: Stranded bare copper
- Insulation: Foamed PE
- Shield: AL / Mylar screen and tinned copper braid
- Jacket: PVC

Features

Key Features

Flame resistant (IEC60332-1) • EMI resistant • Stable data transmission • Black jacket