

Transmission cable with Halogen-free sheath

BC-500

ET2563

Description

The BC-500 is a cable for the serial bus communication with EIA/RS-485 standard. It is characterized by low electric capacity, which allows it to maintain high baud rate over long distances. Used in networks based on protocols such as BACnet MS/TP, Delta Linknet, Modbus RTU, etc.



Properties

- ▶ Reliable and efficient transmission
- ▶ Low electric capacity
- ▶ Halogen-free sheath
- ▶ Shielded
- ▶ Long distance communication

Specifications

Conductors

Stranded tinned copper,
AWG 24: 7 x 0,20mm

Insulation: PE

Insulated wire diameter: 1,7 mm

Stranding: 1 twisted pair

Core identification: White—Blue

Overall shield

Aluminium/polyester, coverage 100%

Drain: tinned copper AWG 24:7 x
0,20mm

Outer sheath

LSZH compound

Color: green

Cable diameter: 5,1 mm

Rated voltage

300V

Resistance

86,5 Ω /km

Nominal impedance

120 Ω

Capacity

Core/Core: 42 pF/m

Core/Shield: 75 pF/m

Minimum bending radius

10 x d

Operation temperature

From -10°C to 70°C

Standards

IEC 60754-1/2

IEC 61034-1/2

IEC 60332-1

BC-500

ET2563 - Halogen-free cable for RS-485 standard, 1000m

The Product complies with the Delta Controls Wiring and Installation Guide 1.8.

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