

LONGTRONIC® RS485

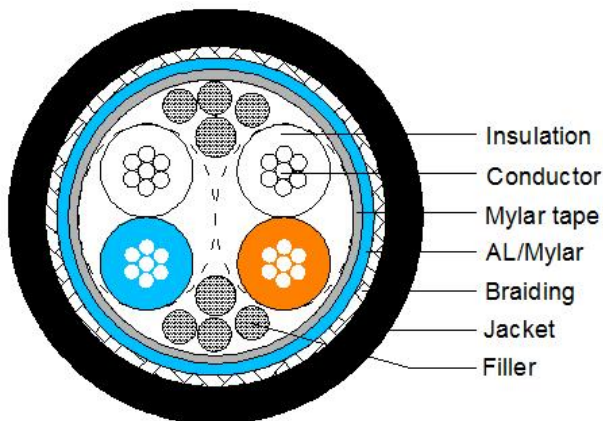
SF/UTP 2x2x0.22mm²/7 PVC

Description

The cable is special designed for BUS system with characteristic impedance of 120ohm. Application for fixed and occasional moving installation.

0.22mm²/7 stranded TC conductor, Foamed PE insulation, Filler, Mylar tape, AL/Mylar and Tinned copper braiding overall screen, PVC jacket

Design



Conductor 7*0.20 mm stranded tinned copper wire

Insulation Foamed PE

OD: 1.25 ± 0.10 mm

Color: Pair1: White, Blue

Pair2: White, Orange

Filler Cotton rope

Tape Mylar tape

Overall screen AL/Mylar

Tinned copper braiding, coverage ≥ 85 %

Jacket PVC

Color: Black(Similar to RAL9004)

Thickness: approx 0.90 mm

OD: 7.20 ± 0.40 mm

Marking: ZHAOLONG □ LONGTRONIC® □ BUS □ RS485 □ 2x2x0.22mm² □ PVC □ IEC □ 60332-1-2

□ XXXXXX □ ****m

Note:

1. □ means blank;
2. XXXXXX means batch number;
3. ****m means meter

Electrical Characteristics(20℃)

Conductor DC resistance	$\leq 93.3 \Omega/\text{km}$
Resistance unbalance	$\leq 5 \%$
Dielectric strength	AC 1.5 KV for 1min
Insulation Resistance:	$\geq 1\text{G}\Omega \cdot \text{km}$
Characteristic impedance	$120 \pm 12 \Omega$ at 1MHz
Attenuation	$\leq 30.0 \text{ dB/km}$ at 1MHz

Other Characteristics

Operating temperature	Fixed: $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Installation temperature	-20°C to 60°C
Min bending radius	Fixed: $8 \times \text{OD}$ Occasional Moving: $15 \times \text{OD}$
Oil resistance	IRM 902, $70^{\circ}\text{C} \times 4\text{h}$ (EN 50290-2-22)
Flame resistance	FT2, IEC 60332-1-2
This cable meets RoHS requirements	

Packing information

Packaging	500 m / drum
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