

## Profibus PA LSZH

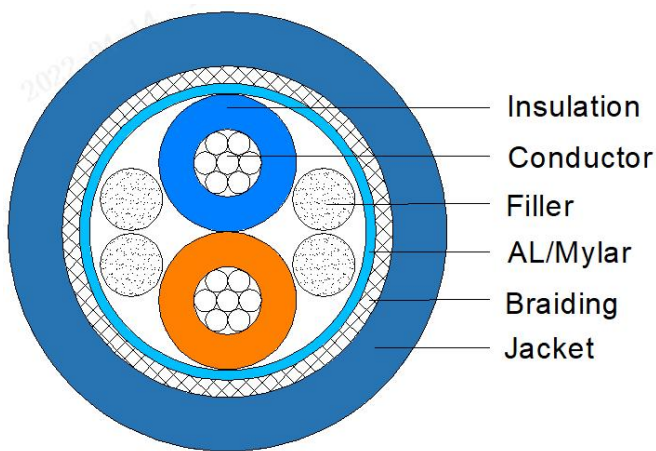
### SF/UTP 1x2x18AWG/7

#### Description

This cable is designed for industrial field bus systems of automation and communication, designed for fixed applications, double collective screened supported excellent EMC performance.

18AWG/7 TC conductor, Foamed PE insulation, PP filler, AL/Mylar+Tinned cooper wire overall screen, LSZH jacket

#### Design



Conductor 7\*0.400mm tinned copper wire

Insulation Foamed PE

OD: 2.20±0.10mm

Color: Blue, Orange

Filler PP

Overall screen AL/Mylar

Tinned copper braiding, coverage about 65%

Jacket LSZH

Color :Blue (Similar to RAL5015)

OD: 7.00±0.50mm

Marking: ZHAOLONG □ LONGTRONIC □ BUS □ PROFIBUS-PA □ 1x2x18AWG/7 □ LSZH □

IEC □ 60332-1-2 □ XXXXXX □ \*\*\*m

**Electrical Characteristics(20℃)**

|                                   |                            |
|-----------------------------------|----------------------------|
| Rating Voltage:                   | 300V                       |
| Conductor DC resistance:          | ≤22.7ohm/km                |
| Insulation resistance:            | ≥1GΩ.km                    |
| Test Voltage:                     | AC2000V/1min,no break down |
| Characteristic impedance:         | 100±20Ω @ 31.25kHz         |
| Attenuation                       | ≤0.3dB/100m @ 39kHz        |
| Mutual Capacitance C-C (nominal): | 78pF/m@1kHz                |
| Mutual Capacitance C-S (nominal): | 148pF/m@1kHz               |

**Other Characteristics**

|                                    |                            |
|------------------------------------|----------------------------|
| Operating temperature:             | -40℃ to 75℃                |
| Installation temperature:          | -20℃ to 55℃                |
| Min. Bending Radius:               | Fixed: 8D (Cable diameter) |
| Flame resistance:                  | IEC 60332-1-2              |
| This cable meets RoHS requirements |                            |

**Packing information**

|                 |      |
|-----------------|------|
| Packing length: | 500m |
| Packaging:      | drum |

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