

LONGTRONIC® Profibus PA

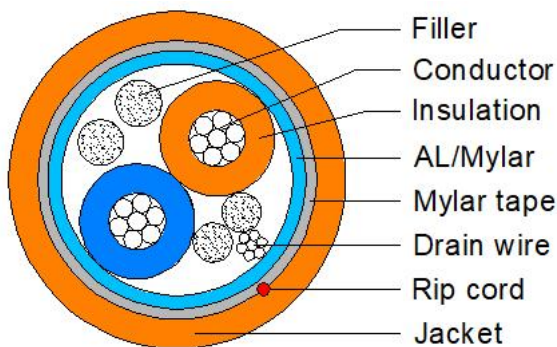
F/UTP 1x2x18AWG/7 LSZH

Description

This cable is designed for industrial field bus systems of automation and communication, designed for fixed applications.

18AWG/7 tinned copper conductor, Foamed PE insulation, PP filler, Drain wire, Mylar tape, AL/Mylar overall screen, Rip cord, LSZH jacket

Design



Conductor 7*0.400mm stranded tinned copper wire

Insulation Foamed PE
OD: 2.20 ± 0.05mm
Color: Blue, Orange

Filler PP

Drain wire 7*0.254mm stranded tinned copper wire

Overall screen AL/Mylar

Tape Mylar tape

Rip cord Yes

Jacket LSZH

Color : Orange (Similar to RAL2003)

Thickness: approx 1.10mm

OD: 7.00 ± 0.30mm

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

IEC □ 60332-1-2 □ XXXXXX □ ****m

Note:

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

Electrical Characteristics(20℃)

Rating Voltage:	300V
Conductor DC resistance:	$\leq 22.7 \text{ ohm/km}$
Mutual Capacitance C-C (nominal)	78pF/m@1KHz
Mutual Capacitance C-S (nominal):	148pF/m@1KHz
Nomal Velocity of propagation:	66%
Test Voltage:	AC 2000V/1min,no break down
Characteristic impedance:	$100 \pm 20 \Omega$ @ 31.25kHz
Attenuation	$\leq 0.3 \text{ dB/100m}$ @ 39kHz

Other Characteristics

Operating temperature:	-40℃ to 80℃
Installation temperature:	-20℃ to 60℃
Min bending radius:	Fixed: $6 \times \text{OD}$
Flame resistance:	IEC 60332-1-2
This cable meets RoHS requirements	

Packing information

Packing length:	100m; 500m;
Packaging:	reel; drum;

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