

LONGTRONIC® DeviceNet Cable LSZH

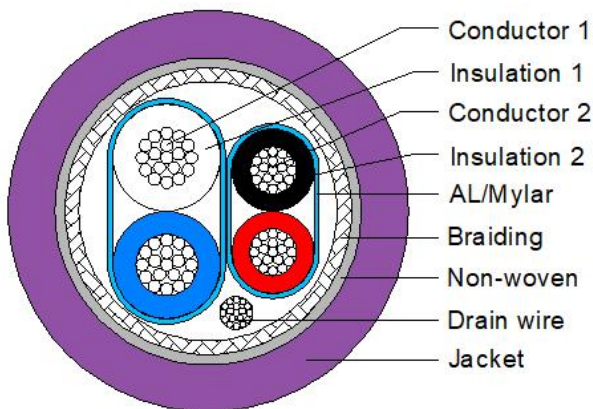
2x24AWG/19+2x22AWG/19

Description

The cable is used for data and power transmission.

24AWG/19 TC conductor with PE-Foamed insulation, 22AWG/19 TC conductor with HDPE insulation, AL/Mylar individual screen, Drain wire, Tinned copper braiding overall screen, Non-woven, PUR jacket

Design



Conductor	①24AWG(19*0.127mm) stranded tinned copper wire ②22AWG(19*0.160mm) stranded tinned copper wire
Insulation	①PE-Foamed OD:1.90±0.05mm Color: White, Blue ②HDPE OD:1.40±0.05mm Color: Red, Black
Individual screen	AL/Mylar
Drain wire	19*0.160mm tinned copper wire
Overall screen	Tinned copper braiding, coverage about 80%
Tape	Non-woven
Jacket	LSZH Color :Violet (Similar to RAL4001) OD:6.60±0.30mm
Marking:	ZHAOLONG□LONGTRONIC®□BUS□DeviceNet□2x24AWG/19+2x22AWG/19□ LSZH□IEC□60332-1-2□XXXXXX□****m

Note: □ means blank;XXXXXX means batch number;****m means meter

Electrical Characteristics(20℃)

Insulation resistance	①24AWG $\geq$ 1000M Ω .km ②22AWG $\geq$ 10M Ω .km
Conductor DC resistance:	①24AWG $\leq$ 91.8 Ω /km ②22AWG $\leq$ 57.4 Ω /km
Capacitance:	$\leq$ 60nF/Km@1KHz
Characteristic impedance:	120 $\pm$ 15ohm @1MHz
Dielectric Strength :	DC1KV for 1min(conductor to conductor,conductor to screen)
Attenuation(dB/100m Max)	1.85dB@500KHz 2.40dB@1MHz

Other Characteristics

Operating temperature:	-40℃ to 80℃
Installation temperature:	-20℃ to 60℃
Min. Bending radius:	Fixed: 4D(Cable diameter) Occasional movement: 8D(Cable diameter)
Flame resistance:	FT2, IEC 60332-1-2
This cable meets RoHS requirements	

Packing information

Packaging:	100m / reel; 500m / drum;
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Prepared by: Yunkang Shen

Checked by: Binbin Li

Approved by: Bin You