

LONGTRONIC® Industrial BUS Cable EIB LSZH

4x20AWG/1

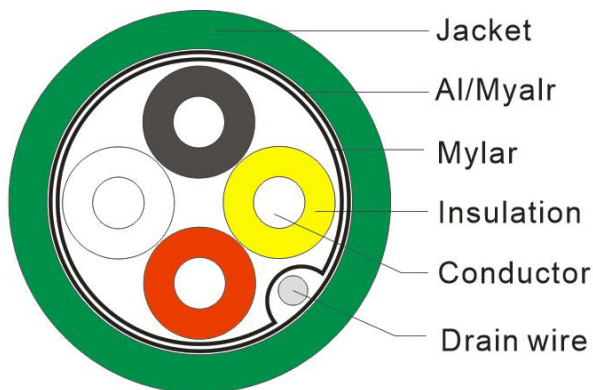
Description

Double screened design supported excellent EMC performance.

The cable is used for data transmission. Application for fixed installation

20AWG/1 BC conductor, PVC insulation, Mylar tape, Drain wire, AL/Mylar overall screen, LSZH jacket.

Design



Conductor 0.800mm solid bare copper wire

Insulation PVC

OD:1.60±0.05mm

Color: White,Black, Yellow,Red

Cabling Four wires stranded together to a quad with Mylar tape

Drain wire 0.4mm tinned copper wire

Overall screen AL/Mylar tape

Jacket LSZH

Color :Green(Similar to RAL 6018)

OD:6.1±0.3mm

Marking: ZHAOLONG □ LONGTRONIC® □ BUS □ KNX/EIB □ 4X20AWG □ LSZH □ IEC60332-1 □ XXXXXX □ ****m

Note:

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

Electrical Characteristics(20℃)

Loop conductor DC resistance:	$\leq 74\text{ohm/km}$
Insulation resistance:	$\geq 100\text{M}\Omega\cdot\text{km}$
Dielectric Strength:	AC4KV/1min or AC2KV/5min
Capacitance wire/wire @800Hz:	$\leq 100\text{nF/km}$
Transmission performance:	

Frequency MHz	ATT dB/100m Max.	Impedance Ohm —
0.001	1.4	330 ± 50
0.01	3.1	120 ± 20
0.1	8.2	85 ± 15

Other Characteristics

Operating temperature:	-20℃ to 75℃
Installation temperature:	0℃ to 60℃
Min bending radius:	Fixed: 8D(Cable diameter)
Flame resistance:	IEC 60332-1-2
Halogen free:	IEC 60754-1, IEC 60754-2
This cable meets RoHS requirements	

Packing information

Packaging:	100m / reel; 500m / Wooden plate;
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