

LONGTRONIC® Cable CANbus FD-TP

1x2x0.25mm² PUR

P/N: ZL5104007

Revision: A/03

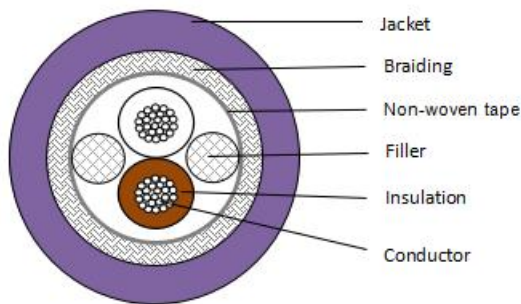
Date: 2022-10-10

Description

The is data cable for CAN-bus system.

0.25mm² BC conductor, Foam PE insulation, Filler, Non-woven tape, Tinned copper braiding overall screen, PUR jacket.

Design



Conductor 32*0.100 mm stranded bare copper wire

Insulation Foam PE

OD: 1.85 ± 0.05 mm

Color: white, brown

Filler Optional

Tape Non-woven tape

Overall screen Tinned copper braiding, coverage ≥ 85 %

Jacket PUR

Color: Violet (Similar to RAL 4001)

Thickness: approx 1.0 mm

OD: 6.30 ± 0.30 mm

Marking ZHAOLONG □ LONGTRONIC® □ BUS □ CANBUS □ FD-TP □ 1×2×0.25mm² □ PUR □ □ □ □

E324007 □  □ AWM □ 21329 □ 80 °C □ 600V □ FT2 □ □ □ □ XXXXXX □ ****m

Note:

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

Electrical Characteristics(20℃)

Conductor DC resistance	$\leq 93.8 \Omega/\text{km}$
Dielectric Strength	AC 1500V for 1 min.
Characteristic impedance	$120 \pm 15 \text{ ohm at } 1\text{MHz}$
Mutual capacitance	Nom. 35 nF/km

Other Characteristics

Operating temperature	-40℃ to 80℃
Installation temperature	-20℃ to 60℃
Flame resistance	FT2 , IEC 60332-1-2
Oil resistance	IRM 902, 100℃ × 96h (UL 758)
This cable meets RoHS requirements.	

Packing information

Packaging	500 m / drum
-----------	--------------

Prepared by: Binbin Li

Checked by: Bin You

Approved by: Yunxiang Yao