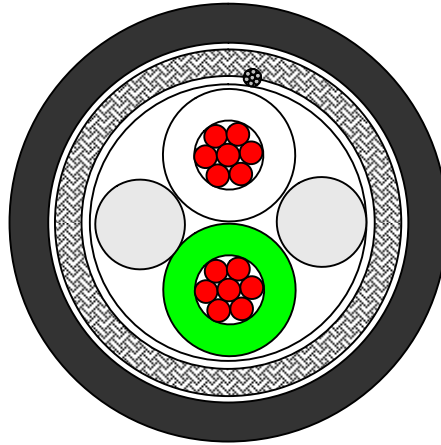


Li-09YSC12Y 2x0.38 mm²

CanBus-Cable



Application

The following CanBus cable is suitable for transmission of CanBus signals according to **DIN 19245 and EN 50170**
The following CanBus cable is suitable for transmission of CanBus signals according to **ISO 11898-2**

Standards

acc. to customer Specification

Flame resistance

IEC 60332-1, VDE 0472 part 804 method B

Construction

Conductor	Stranded copper wires bare, 48 x 0.10 mm (Cross section 0.38 mm ²)	∅ 0.81 mm
Insulation	∅ 2.3 ± 0.1 mm Wall thickness 0.71 mm	
Twisting	2 cores twisted to the pair + 2 x PP-fillers mm	∅ 4,6
Core identification	1 x white, 1x green	
Wrapping	1 x PET-foil, overlapping ∅ 4.7 mm	
Overall screen	tinned copper braid ∅ 5.2 mm, optical coverage ≥ 95%	
Foil	1 x Polyester web under sheath ∅ 5.3 mm	
Sheath	PBT ∅ 6.3 ± 0.2 mm	
Sheath colour	black, RAL 9005	
Marking	DRAKA – CANBUS -Li-09YSC12Y 2 x 0.38 mm ² + batch number	

Li-09YSC12Y 2x0.38 mm²

Mechanical properties

Bending radius during installation	without load with load	≥ 5 x cable diameter ≥ 10 x cable diameter
Operating temperature		- 40°C up to + 85°C

Electrical properties

at 20°C

Conductor resistance (at 20 ± 5 °C)	≤ 54.5 Ω/km
Characteristic impedance at 1 MHz	120 Ω ± 15%
Insulation resistance (at 20 ± 5 °C and 500 V)	≥ 10 GΩxkm
Prüfspannung (AC, 1 min) Ader/Ader und Ader/Schirm Test voltage (AC, 1 min) Core/core and core/screen	1.2 kV

Technical data

Product code	Design -ation	Type	Brand	Cable dia. mm	Weight approx . kg/km	Standard delivery length m	Drum size *PWD	Gross weight kg	Cop -per con -tent	Ten -sile force N
1003266 CS2878700	Li-09YSC12Y	2 x 0.38 mm ²	CANBUS	6.3	49	1000	400/150/465	52	31.9	170

*PWD (Plywood drum)

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
Li-09YSCPBT 2x0.38 mm ² CANBUS	1003266	60014615	60014615

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