



Automotive databus cable

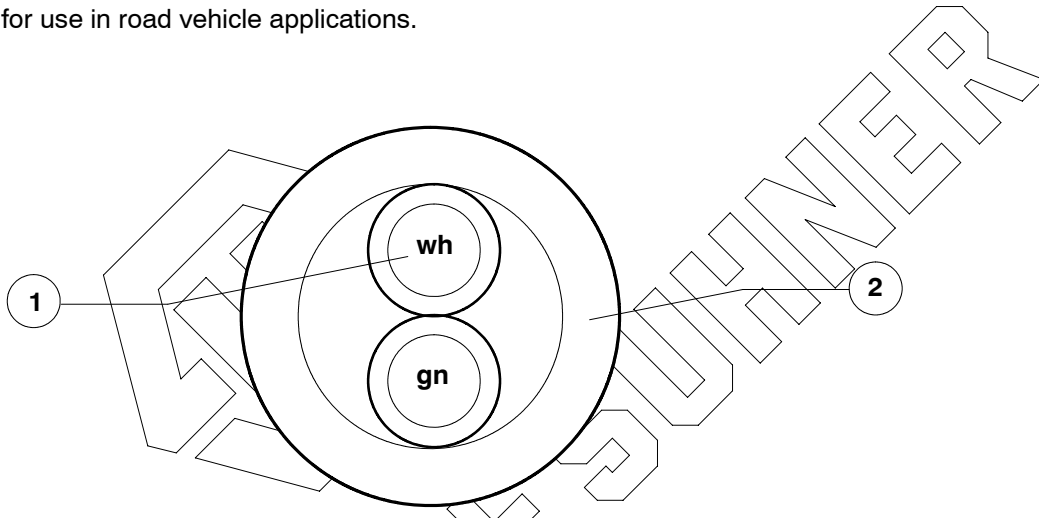
2 x 0.35 mm² / PE-X / TPU

General properties:

High temperature, low temperature, ozone and weathering resistance.
 Good resistance against, battery acid, humidity, petrol, brake fluids, engine coolant and window washer fluids, diesel and various oils. Flame retardant, soldering iron resistant, easy to strip and process.
 Complies with EU-directive 2000/53/EG on end of life vehicles. It is free from lead, mercury, cadmium and chrome VI.

Application:

Canbus cable for use in road vehicle applications.



- | | | | |
|----|------------------------------|--|---------------------------|
| 1. | 2 Cores 0.35 mm ² | Conductor: stranded bare copper
Insulation: PE-X
Colours: white, green | 7 x 0.254mmD
D: 1.8 mm |
| 2. | Sheath | TPU | D : 5.0 ± 0.3 mm |

Printing on sheath : HUBER + SUHNER SWITZERLAND -zzzzzz
 _____ Production lot number

Sheath colour	H+S part number
grey	12 568 378
green	12 568 379
black	12 568 380
blue	12 568 381
yellow	12 584 020
white	12 584 021

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The product fulfils the test and specification requirements described in this document for the stated areas of application and operating conditions. HUBER+SUHNER AG does not expressly or implicitly guarantee performance under additional or changed conditions. Deviations are to be agreed upon in writing.

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Technical data:

Conductor resistance at 20 °C	≤ 52.0	Ω / km
Characteristic Impedance f = 2 MHz	120 ± 12	Ω
Voltage rating U ₀ / U	.....	300 / 500	.....	V
Test voltage, 5 min.	.....	2 000	.....	V
Temperature range	.....	- 40 ... + 120	.....	°C
Min. bending radius	..... fixed	5 x cable dia.	.....
Twisting of cores	.....	15	.....	twists/m
Cable weight per 100m	.....	approx. 2.9	.....	kg

Product Specification:

Type test	Specification	Requirements, typical values
Insulation resistance	IVECO 18-2110 § 8.3	≥ 10 ⁹ MΩ/mm
Squashing test at high temperature	IVECO 18-2110 § 10	≥ 50 %
Flexibility after ageing in heat	IVECO 18-2110 § 11	thickness variation < 10 % no splitting, no breakage
Resistance to propagation of flame	IVECO 18-2110 § 14	after burning time < 30 s
Resistance to oil	IVECO 18-2110 § 15	thickness variation ≤ 4 % no splitting, no breakage
Low temperature characteristics	ISO 14572 § 8.1	no cracks, no breakdown no sign of cracks
Shrinkage	ISO 14572 § 10.4	< 1 mm