



Automotive databus cable

2 x 0.5 mm² / RADOX 155S / RADOX Elastomer S

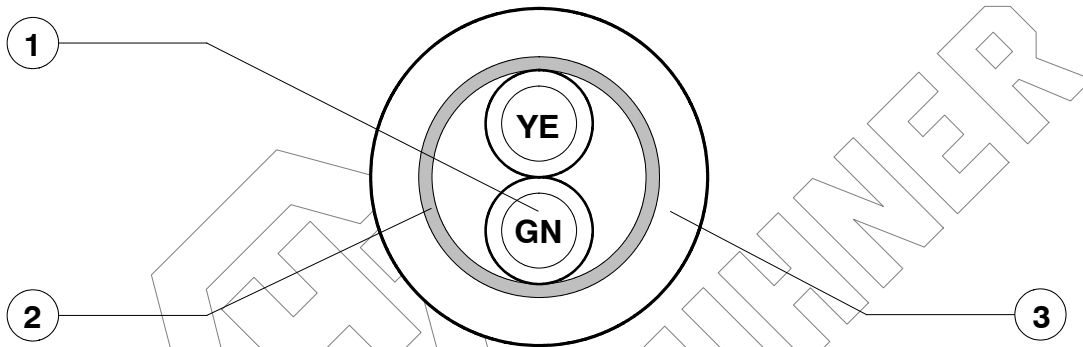
General Properties:

Excellent resistance to high and low temperature, ozone, UV and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process, according to ISO 6722 class D, ISO 14572.

Complies with EU- directive 2000/53/EG on end of life vehicles. It is free from lead, mercury, cadmium and chrome VI.

Application:

Low voltage cable, for use in road vehicle applications.



1.	2 Cores 20 AWG Type RADOX 155S	Conductor: stranded tin plated copper Insulation: RADOX 155S Colours: yellow, green	19 x 0.20 mm D D: 2.30 ± 0.10 mm
2.	Wrapping	Tape	
3.	Sheath	RADOX Elastomer S, colour: black	D: 6.0 ± 0.2 mm

Technical Data: (acc. to SAEJ1939-15 / rev. Aug 2008)

Conductor resistance at 20 °C	.....	≤ 33.4	.....	Ω / km
Voltage rating	.....	60	.....	V
Test voltage, 50 Hz, 1 min.	.....	2'000	.....	V
Characteristic Impedance	.....	120 ± 12	.....	Ω
Capacitance	..... core / core	≤ 75	.....	pF / m
Temperature range (3'000 h)	.....	- 40 ... + 150	.....	°C
Lay length of twisted cores	.....	33 ± 5	.....	mm
Min. bending radius fixed	4 x cable D	
 flexing	6 x cable D	
Cable weight per 100 m	approx. 4.6	kg

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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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