



Automotive databus cable

2 x 0.75 mm² / RADOX 155S / RADOX Elastomer S

General Properties:

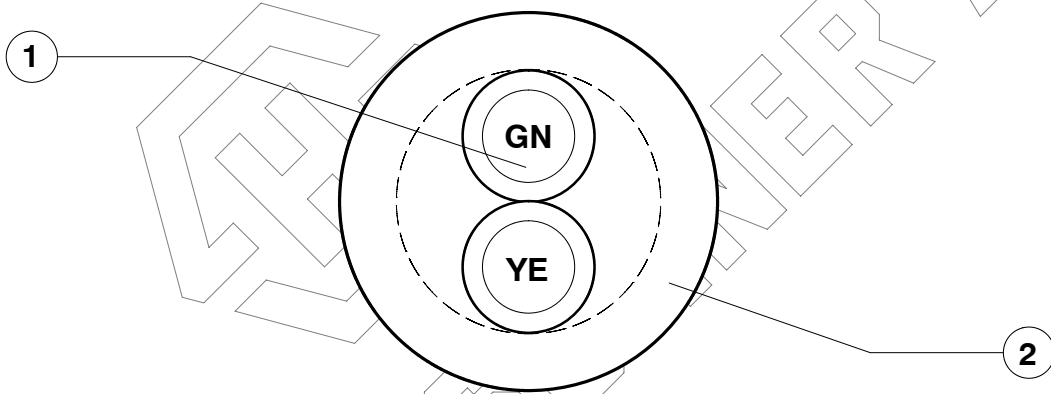
Excellent resistance to high and low temperature, ozone, UV and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process, according to ISO 6722 class D, ISO 14572.

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.

CAUTION Special care shall be taken for cables used with voltages above 60 VDC to protect them from mechanical stress in order to avoid shock hazard (ISO 6722 : 2006).



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|----|---|---|-------------------------------------|
| 1. | 2 Cores 0.75 mm ²
Type RADOX 155S | Conductor: stranded bare copper
Insulation: RADOX 155S
Colours: green, yellow | 19 x 0.23 mm D
D: 3.00 ± 0.10 mm |
| 2. | Sheath | RADOX Elastomer S, colour: black | D: 7.2 ± 0.3 mm |

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

Conductor resistance at 20 °C	..... ≤ 26.0	..... Ω / km
Voltage rating	..... 60	..... V
Test voltage, 50 Hz, 1 min.	..... 2'000	..... V
Characteristic Impedance	..... f = 1 MHz	..... 120 ± 12 Ω
Lay length	..... 33 ± 5	..... mm
Temperature range (3'000 h)	..... - 40 ... + 150	..... °C
Min. bending radius fixed 3 x cable D
 flexing 5 x cable D
Cable weight per 100 m approx. 6.6 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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