



# Automotive cable screened

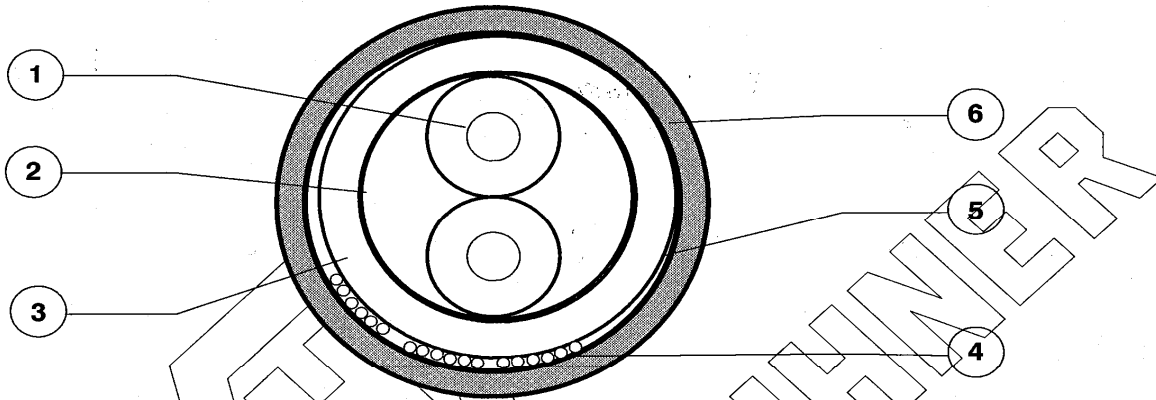
## 2 x 0.75 mm<sup>2</sup> / 155S / 155

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### General Properties:

Excellent resistance to high and low temperature, ozone 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.

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



- |    |  |   |                                    |
|----|--|---|------------------------------------|
| 1. | 2 Cores 0.75mm <sup>2</sup><br>type Radox 155S | Conductor: stranded bare copper<br>Insulation: Radox 155S<br>Colours: yellow, green | 19 x 0.226 mmD<br>D: 3.4 ± 0.10 mm |
| 2. | Wrapping                                       | Plastic tape  |                                    |
| 3. | Sheath   | Radox 155, colour: nature   | <b>D : 9.2 mm</b>                  |
| 4. | Drain wire                                     | tin plated copper 18 x 0.226mm  |                                    |
| 5. | Screen   | Plastic laminated Al - tape   | D : 9.5 mm                         |
| 6. | Sheath   | Radox 155, colour: black  | <b>D : 10.7 ± 0.2 mm</b>           |

### Technical data: (acc. to SAEJ1939-11 / rev. Oct.1999)

Conductor resistance at 20 °C	.....	≤ 25.0	.....	Ω / km
Voltage rating U <sub>0</sub> /U	.....	300 / 500	.....	V
Test voltage	.....	2000	.....	V
Characteristic Impedance	.....	120 ± 10%	.....	Ω
Capacitance	..... core / core	≤ 75	.....	pF / m
	..... core / screen	≤ 110	.....	pF / m
Temperature range	.....	- 40 ... + 150	.....	°C
Min. bending radius for fixed installation	.....	4 x cable dia	.....	
Cable weight per 100 m	.....	approx. 10.0	.....	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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