



# Automotive cable

## Radox 155S RW

### General Properties:

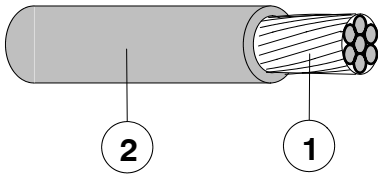
Excellent resistance to high and low temperature, ozone and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process.

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

### 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 : 2002).



1. Conductor: Stranded tin plated copper
2. Insulation: RADOX 155S , (91X acc. to DIN 76722) extruded irradiation crosslinked polyolefin  
Colours: various

### Technical Data:

Voltage rating ..... 60 V  
 Test voltage AC ..... 4000 V  
 Temperature range ..... -55 ... +150° C  
 Min. bending radius ..... 3 x cable D

Cross-section nominal mm <sup>2</sup>	Conductor				Core	
	Number of individual wires	Diameter of individual wires max. mm	Diameter max. mm	Resistance at 20° C max. Ω/km	Wall thickness min. mm	Diameter mm
0.14	19	0.10	0.51	135.5	0.19	0.95 ± 0.05
0.25	19	0.13	0.61	86.0	0.20	1.10 ± 0.05
0.35	19	0.16	0.80	54.5	0.20	1.25 ± 0.05
0.50	19	0.19	0.91	38.2	0.20	1.40 ± 0.05
0.75	19	0.23	1.12	25.4	0.21	1.65 ± 0.05
1.0	19	0.26	1.26	19.1	0.22	1.80 ± 0.05

Copyright 2003 Huber + Suhner AG. This document may not be copied nor be passed on to third parties without our written permission.  
 Uncontrolled copy when printed [will not be updated].

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.

**HUBER+SUHNER**  
 Wire+Cable Division

CH-8330 Pfäffikon

+41 (0)1 952 22 11

+41 (0)1 952 26 40

www.hubersuhner.com