Automotive cable
Radox 155S RW

General Properties:

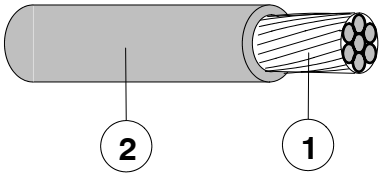
Excellent resistance to high and low temperature, ozone and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process.

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	Conductor				Core	
nominal mm²	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

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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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