



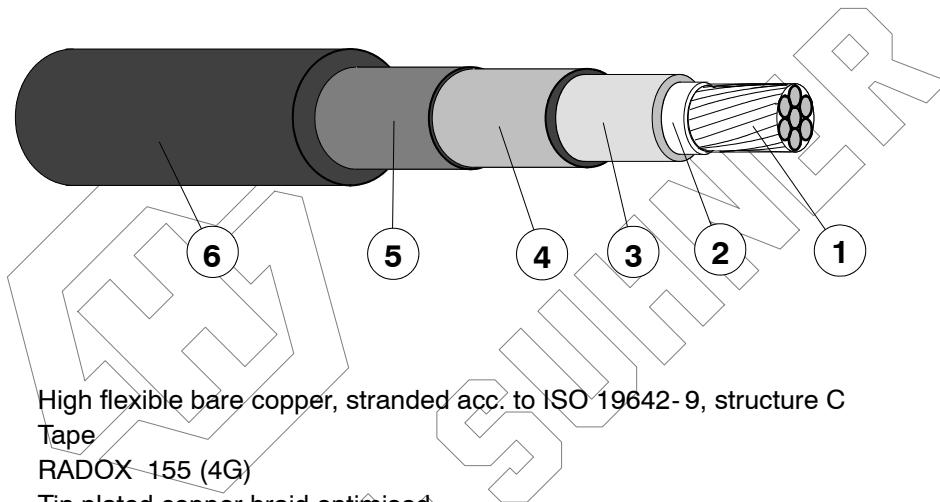
General Properties:

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 19642-9 class D.

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

Application:

Cable, for use in road vehicle applications.



1. Conductor: High flexible bare copper, stranded acc. to ISO 19642-9, structure C
2. Coverage: Tape
3. Insulation: RADOX-155 (4G)
4. EMC-screen: Tin plated copper braid optimised
5. Wrapping: Tape
6. Sheath: RADOX Elastomer S (13X), colour: orange

Printing on sheath: H+S XXXXXXXX - %%%%%%%%%% ↓ ATTENTION HIGH VOLTAGE MAX 1000VAC/
1500VDC ↓
Item number Production lot number

Technical Data:

Voltage rating	U_0	1000	V AC
Voltage rating.	V_0	1500	V DC
Test voltage, 50 Hz, 5 min.	10	kV AC	
Temperature range (3000 h)	- 40 ... + 150 ...	°C	
Min. bending radius.....	fixed	3 x cable D	
	flexing	5 x cable D	

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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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Automotive cable, single-core, screened, high flexible acc. to ISO 19642-9, structure C
RADOX 155 / RADOX Elastomer S (FHLR4GC13X)

Cross-section Nominal mm ²	Conductor				Cable				
	Number of individual wires Guide value	Diameter of individual wires max. mm	Diameter max. mm	Resistance at 20 °C max. Ω/km	Diameter of Insulation nom. mm	Diameter of Screen max. mm	Overall- Diameter Nominal mm	Z _T at 30 MHz Nominal mΩ/m	H + S Part No.
16	490	0.21	5.4	1.16	6.85	8.0	9.3 ± 0.3	60	85 026 239
25	760	0.21	7.1	0.743	8.35	9.5	11.0 ± 0.3	50	85 128 293
35	1064	0.21	8.2	0.527	9.90	11.2	12.9 ± 0.3	40	85 128 292
50	1520	0.21	9.9	0.368	11.70	13.0	14.9 ± 0.3	30	85 128 294
70	1427	0.26	11.6	0.259	14.00	15.2	17.0 ± 0.4	30	85 010 927
95	1936	0.26	13.3	0.196	16.20	17.7	19.5 ± 0.4	20	85 010 928
120	2450	0.26	15.1	0.153	19.10	20.7	22.6 ± 0.4	20	85 010 929