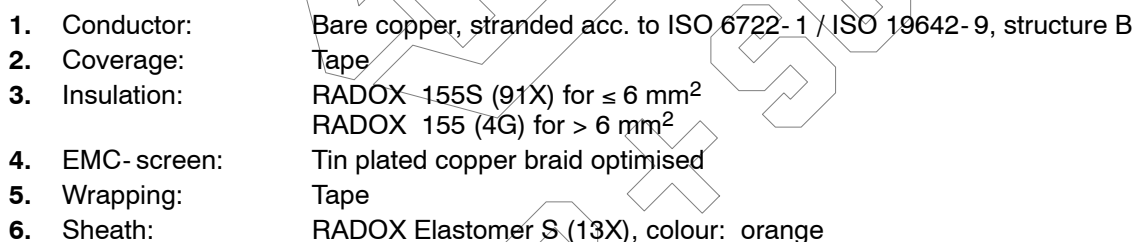


**RADOX 155(S) / RADOX Elastomer S (FHLR91XC13X and FHLR4GC13X)**

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- 1 class D, 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.

Cable, for use in road vehicle applications.



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

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	4 x cable D	
	flexing	6 x cable D	

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 RADOX 155(S) / RADOX Elastomer S (FHLR91XC13X and 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	Weight Nominal kg/100m	H + S Part No.
2.5	50	0.26	2.0	7.60	2.85	3.3	5.0 ± 0.2	100	4.9	12 582 675
4	56	0.31	2.5	4.71	3.55	4.0	5.8 ± 0.2	110	7.0	12 582 674
6	84	0.31	3.0	3.14	4.15	4.7	6.6 ± 0.3	70	9.8	12 582 309
8	60	0.41	3.8	2.38	5.05	5.6	7.6 ± 0.3	40	12.5	84 119 801
10	78	0.41	4.3	1.82	5.75	6.3	8.4 ± 0.3	30	15.8	84 100 295
12	92	0.41	4.7	1.52	6.10	6.7	8.9 ± 0.3	30	17.9	84 119 803
16	126	0.41	5.4	1.16	6.90	7.5	9.7 ± 0.3	40	23.0	84 116 032
20	154	0.41	6.2	0.955	7.60	8.3	10.6 ± 0.3	30	28.2	84 119 804
25	189	0.41	6.7	0.743	8.20	8.9	11.2 ± 0.3	40	32.8	84 100 604
30	224	0.41	7.4	0.647	9.10	9.8	12.1 ± 0.3	30	38.5	84 119 805
35	273	0.41	7.9	0.527	9.70	10.4	12.7 ± 0.3	60	44.7	84 100 296
40	301	0.41	8.5	0.473	10.40	11.3	13.6 ± 0.3	20	51.3	84 119 806
50	385	0.41	9.4	0.368	11.50	12.6	14.9 ± 0.3	30	64.2	84 096 257
60	294	0.51	10.6	0.315	12.60	13.5	15.9 ± 0.3	30	73.1	84 119 807
70	360	0.51	11.6	0.259	13.70	14.6	17.0 ± 0.3	30	85.8	84 100 298
95	480	0.51	13.5	0.196	16.20	17.3	19.9 ± 0.4	20	115.3	84 100 299
120	589	0.51	15.1	0.153	18.00	19.1	22.6 ± 0.4	20	145.5	84 103 410
150	741	0.51	17.0	0.122	20.00	21.3	24.9 ± 0.5	30	177.4	84 111 254