





# Automotive cable, single-core, screened RADOX 155(S) / RADOX Elastomer S (FHLR91XC13X and FHLR4GC13X)

Cross-section Nominal mm <sup>2</sup>	Conductor					Cable						H + S Part No.
	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 <sub>T</sub> at 30 MHz Nominal mΩ/m	Weight Nominal kg/100m			
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		