

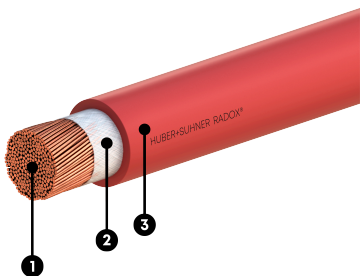
RADOX 155 (FLR4G and FLHR4G)
Automotive cable, flexible

Properties

- Excellent resistance to :
- High and low temperature
- Ozone, UV and weathering resistance
- Resistant to pressure at high temperature.
- Motor oil, fuels & hydrolysis.
- Flame retardant, high abrasion resistant and solder iron resistant
- Easy to strip and to process
- Design according to ISO 19642-5 (structure B), ADR and ECER118 approved
- Complies with EU- directive 2000/53/EG on end of life vehicles.
- All materials are free from lead, mercury, cadmium, PFAS and chrome VI.

Application

Cable, for use in on-road & off-road vehicle applications



Construction		
1.	Conductor	Bare copper, stranded, acc. to ISO 19642-5 (Structure B)
2.	Coverage	Tape
3.	Insulation	RADOX 155 (4G) extruded irradiation crosslinked polyolefin
	Colours	Various

RADOX 155 (FLR4G and FLHR4G)

Automotive cable, flexible

Technical data- electrical	
Voltage rating AC	U ₀ 1000 V AC
Voltage rating DC	V ₀ 1500 V DC
Test voltage, 50Hz, 5min	10000 V AC

Technical data- mechanical	
Temperature range (3000h)	-40 °C ... +150 °C
Min. bending radius fixed	3 x D
Min. bending radius flexing	5 x D

Core Size [mm²]	Conductor			Wall Thickness min. [mm]	Cable ø nom. [mm]	Cable weight Tolerance ±3% nom. [kg/100m]	Colours	H+S Part No.
	Type nom. [nxmm]	ø max. [mm]	R ₂₀ max. [Ω/km]					
1x8	60x0.41	3.8	2.38	0.4	5.05±0.15	8	Black	85028347
1x8	60x0.41	3.8	2.38	0.4	5.05±0.15	8	Red	84119795
1x10	78x0.41	4.3	1.82	0.5	5.75±0.2	10.5	Black	84100300
1x10	78x0.41	4.3	1.82	0.5	5.75±0.2	10.5	Red	84151390
1x12	92x0.41	4.7	1.52	0.5	6.1±0.2	12	Black	85101217
1x12	92x0.41	4.7	1.52	0.5	6.1±0.2	12	Red	84119796
1x16	126x0.41	5.4	1.16	0.52	6.9±0.2	16.5	Black	12566198
1x16	126x0.41	5.4	1.16	0.52	6.9±0.2	16.5	Green-Yellow	85066282
1x16	126x0.41	5.4	1.16	0.52	6.9±0.2	16.5	Red	84105636
1x25	189x0.41	6.7	0.743	0.55	8.2±0.2	24.2	Black	12566199
1x25	189x0.41	6.7	0.743	0.55	8.2±0.2	24.2	Green-Yellow	85066283
1x25	189x0.41	6.7	0.743	0.55	8.2±0.2	24.2	Red	84150410
1x35	273x0.41	7.9	0.527	0.65	9.7±0.25	35	Black	12568879
1x35	273x0.41	7.9	0.527	0.65	9.7±0.25	35	Green-Yellow	85066288
1x35	273x0.41	7.9	0.527	0.65	9.7±0.25	35	Red	12583157
1x50	385x0.41	9.4	0.368	0.8	11.5±0.25	49.2	Black	84100302
1x50	385x0.41	9.4	0.368	0.8	11.5±0.25	49.2	Green-Yellow	85026580
1x50	385x0.41	9.4	0.368	0.8	11.5±0.25	49.2	Red	84096060
1x70	360x0.51	11.6	0.259	0.8	13.7±0.25	69.7	Black	12568833
1x70	360x0.51	11.6	0.259	0.8	13.7±0.25	69.7	Red	12568625
1x95	480x0.51	13.5	0.196	0.9	16.2±0.3	93.8	Black	84107781
1x95	480x0.51	13.5	0.196	0.9	16.2±0.3	93.8	Green-Yellow	85146930
1x95	480x0.51	13.5	0.196	0.9	16.2±0.3	93.8	Red	84150428
1x120	589x0.51	15.1	0.153	0.9	18±0.3	114.7	Black	84117096
1x120	589x0.51	15.1	0.153	0.9	18±0.3	114.7	Red	84110776
1x150	741x0.51	17	0.122	1	20±0.3	143.4	Black	84133912
1x150	741x0.51	17	0.122	1	20±0.3	143.4	Red	84111253

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P8937 / Date of publication: 14.05.2025 / uncontrolled copy