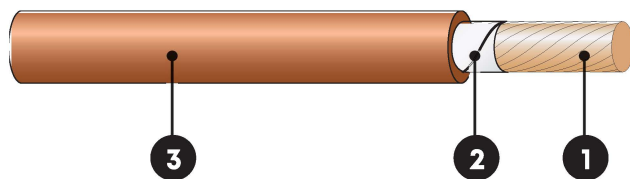


RADOX® 155 battery cable, flexible (FLR4G and FHLR4G)



Number of conductors	1
Cross section	10 to 150 mm ²
Voltage rating	1000 V AC/1500 V DC
Temperature range	-55 to +150 °C (3000 h)
Min. bending radius	3 × cable dia.

Composition of cable

- | | |
|-----------------|--|
| 1. Conductor | stranded bare copper |
| 2. Plastic tape | optional |
| 3. Insulation | RADOX 155, extruded irradiation cross-linked polyolefin, various colours |

Characteristics and specialities

- Excellent high and low temperature resistance
- Ozone, weathering and hydrolysis resistance
- Outstanding resistance against battery acids, humidity, petrol, brake fluids, engine coolant, window washer, fluids, diesel and various oils
- Flame retardant
- Easy to strip and process

Application

ADR approved battery or power cable for use in road vehicle applications.

Standards

Conductor	General
ISO 6722-1	ISO 6722, ISO 19642-5, class D, thin-wall
DIN EN 13602, Cu-ETP1-A (CW003A)	ADR approved

Customer approvals

- GMW 15626
- VW 60306-1
- Ford ES-AU5T-1A348-AA
- BMW GS 95007
- FCA MS.90034
- JLR TPJLR.18.007
- Scania TB1914
- Volvo STD 525-001
- Bosch N34A AE011D S007
- VW 75210-1

For further technical details please refer to our data sheet STD 718404.



RADOX® 155 battery cable, flexible (FLR4G and FHLR4G)

Extract from our delivery programme

Cross section	Conductor				Core		
Nominal mm²	Number of individual wires guide value	Diameter of individual wires max. mm	Diameter max. mm	Resistance at 20 °C max. Ω/km	Wall thickness min. mm	Weight nom. kg/100 m	Cable-diameter mm
8	60	0.41	3.8	2.38	0.40	8.0	5.05 ± 0.15
10	78	0.41	4.3	1.82	0.50	10.5	5.75 ± 0.20
12	92	0.41	4.7	1.52	0.50	12.0	6.10 ± 0.20
16	126	0.41	5.4	1.16	0.52	16.5	6.90 ± 0.20
20	154	0.41	6.2	0.955	0.52	20.0	7.60 ± 0.20
25	189	0.41	6.7	0.743	0.55	24.2	8.20 ± 0.20
30	224	0.41	7.4	0.647	0.64	29.0	9.10 ± 0.25
35	273	0.41	7.9	0.527	0.65	35.0	9.70 ± 0.25
40	301	0.41	8.5	0.473	0.73	38.7	10.40 ± 0.25
50	385	0.41	9.4	0.368	0.80	49.2	11.50 ± 0.25
60	294	0.51	10.6	0.315	0.80	57.8	12.60 ± 0.25
70	360	0.51	11.6	0.259	0.80	69.7	13.70 ± 0.25
95	480	0.51	13.5	0.196	0.90	93.8	16.20 ± 0.30
120	589	0.51	15.1	0.153	0.90	114.7	18.00 ± 0.30
150	741	0.51	17.0	0.122	1.00	143.4	20.00 ± 0.30

Datasheet STD 718404

