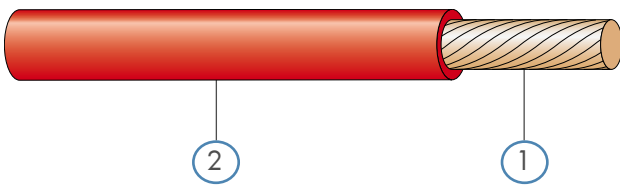


RADOX® ELASTOMER S BATTERY CABLE

Number of conductors	1
Cross section	4 - 95 mm ²
Voltage rating	600 / 1000 V AC
Temperature range	(-70°C) -40°C to +150°C (3000 h)
Min. bending radius	3 x cable dia.



Composition of cable

1. Conductor	stranded bare copper
2. Insulation	RADOX® Elastomer S (REMS), extruded radiation cross-linked copolymer, various colours

Characteristics and specialities

- excellent high and low temperature resistance
- very flexible
- ozone and weathering resistance
- outstanding resistance against battery acids, diesel, various oils, engine coolant and window washer fluids
- resistance against humidity, petrol and brake fluids
- flame retardant
- easy to strip and process

Application

Battery or power cable for use in road vehicle applications.

Standards

Conductor	General
ISO 6722	ISO 6722 class D, thin wall
DIN EN 13602, Cu-ETP1-A (CW003A)	

For further technical details please refer to our data sheet.

RADOX® ELASTOMER S BATTERY CABLE

Extract from our delivery programme

Cross-section mm ²	Conductor			Core		Weight kg/100 m nom.
	construction* n x mm	Diameter max. mm	resistance @ 20 °C max. Ω/km	wall thickness min. mm	Diameter mm	
4	56 x 0.31	2.75	4.71	0.32	3.55 ± 0.15	4.15
6	84 x 0.31	3.3	3.14	0.32	4.15 ± 0.15	6.10
10	78 x 0.41	4.3	1.82	0.57	5.75 ± 0.15	10.40
16	126 x 0.41	5.5	1.16	0.60	6.90 ± 0.15	16.40
25	189 x 0.41	6.7	0.743	0.60	8.20 ± 0.15	24.20
35	273 x 0.41	7.9	0.527	0.70	9.70 ± 0.20	34.50
50	385 x 0.41	9.4	0.368	0.80	11.5 ± 0.20	48.60
70	360 x 0.51	11.6	0.259	0.80	13.7 ± 0.25	68.90
95	468 x 0.51	13.7	0.196	0.90	16.0 ± 0.25	89.50

* typical value x max. single wire diameter