

RADOX® 125 M

Number of conductors	1
Cross section	4 - 95 mm ²
Voltage rating	600 / 1000 V AC
Temperature range	-40 °C to +125 °C (3000 h)
Min. bending radius	3 x cable dia.



Composition of cable

1. Conductor	stranded bare copper
2. Insulation	RADOX® 125, extruded radiation cross-linked polyolefin, various colours

Characteristics and specialities

- halogen free
- 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

Battery or power cable for use in road vehicle applications.

Standards

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

For further technical details please refer to our data sheet.

RADOX® 125 M

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	2.5	4.71	0.32	3.55 ± 0.15	4.07
6	84 x 0.31	3.0	3.14	0.32	4.15 ± 0.15	6.00
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	16.00
25	189 x 0.41	6.7	0.743	0.60	8.20 ± 0.15	23.70
35	273 x 0.41	7.9	0.527	0.70	9.70 ± 0.20	34.00
50	385 x 0.41	9.4	0.368	0.80	11.5 ± 0.20	48.10
70	360 x 0.51	11.6	0.259	0.80	13.7 ± 0.25	68.30
95	468 x 0.51	13.7	0.196	0.90	16.0 ± 0.25	88.60

* typical value x max. single wire diameter