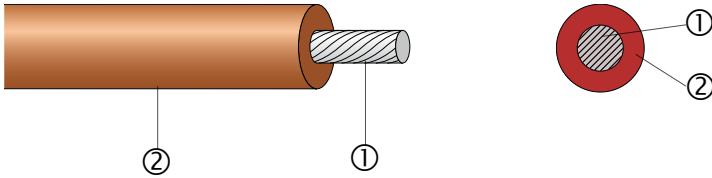


# RADOX® 155

## Flexible single core



- excellent high and low temperature and ozone resistance
- weatherproof
- easy to process
- flame retardant
- high resistance to heat pressure
- high abrasion resistance
- soldering resistant
- flexible
- resistant to impregnation resins and varnishes

### Application

Protected and fixed installation inside electrical equipment, especially suitable for the connection of motor windings, switchboards, magnets and transformers.

### Composition of cable

- ① Conductor
- ② Insulation

Core colours

stranded tin plated copper, acc. to EN 60228, class 5

RADOX® 155

extruded and electron beam crosslinked polyolefin copolymer  
various, on request

### Technical data

Voltage rating  $U_o/U$

$\leq 0.50 \text{ mm}^2$

450 / 750 V AC

Test voltage

$\leq 0.50 \text{ mm}^2$

2500 V AC

Voltage rating  $U_o/U$

$> 0.50 \text{ mm}^2$

600 / 1000 V AC

Test voltage

$> 0.50 \text{ mm}^2$

3500 V AC

Temperature range

-55 °C up to +155 °C

# RADOX® 155

Flexible single core

Extract from our delivery programme

Cross section	Conductor			Core	Weight	Bending radius
	nom. mm <sup>2</sup>	Construction nom. n x mm dia.	dia. max. mm			
0.25	19 x 0.13	0.6	85.9	1.45 ± 0.05	0.4	3 x dia.
0.34	19 x 0.16	0.8	52.1	1.60 ± 0.10	0.5	3 x dia.
0.50	19 x 0.18	0.9	40.1	1.70 ± 0.10	0.7	3 x dia.
0.75	24 x 0.20	1.15	26.7	2.20 ± 0.10	1.1	3 x dia.
1.0	32 x 0.20	1.3	20.0	2.60 ± 0.10	1.5	3 x dia.
1.5	30 x 0.25	1.55	13.7	2.70 ± 0.10	1.9	3 x dia.
2.5	48 x 0.25	2.05	8.21	3.35 ± 0.10	3.0	3 x dia.
4.0	56 x 0.30	2.6	5.09	4.05 ± 0.15	4.6	3 x dia.
6.0	81 x 0.30	3.4	3.39	5.2 ± 0.15	6.5	3 x dia.
10	78 x 0.40	4.4	1.95	6.4 ± 0.15	11	3 x dia.
16	119 x 0.40	5.4	1.24	7.6 ± 0.15	16.5	3 x dia.
25	182 x 0.40	6.7	0.795	9.2 ± 0.2	25	3 x dia.
35	266 x 0.40	7.9	0.565	10.6 ± 0.2	34.5	3 x dia.
50	378 x 0.40	9.4	0.393	12.3 ± 0.25	50	4 x dia.
70	348 x 0.50	11.5	0.277	14.6 ± 0.25	68	4 x dia.
95	444 x 0.50	12.9	0.210	16.3 ± 0.3	89	4 x dia.
120	551 x 0.50	14.8	0.164	18.4 ± 0.3	110	4 x dia.
150	722 x 0.50	17.0	0.132	20.8 ± 0.3	142	4 x dia.
185	874 x 0.50	18.5	0.108	22.5 ± 0.3	171	4 x dia.
240	1147 x 0.50	21.3	0.0817	25.7 ± 0.3	225	4 x dia.

Various colours on request.