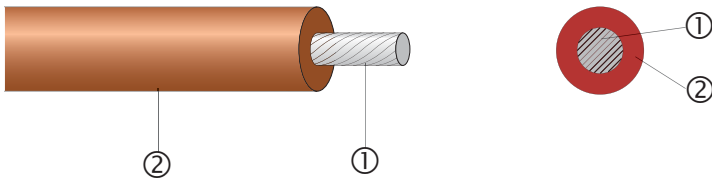


RADOX® 155

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 IEC 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

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

600 / 1000 V AC

Test voltage

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

3500 V AC

Temperature range

-55 °C up to +155 °C

RADOX® 155

Flexible single core

Extract from our delivery programme

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

Other cross sections on request.