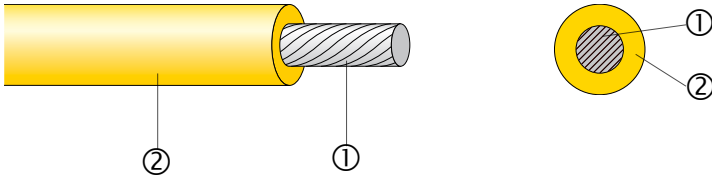


# RADOX® 155 S

Flexible single core – high oil resistance



- excellent high and low temperature and ozone resistance
- weatherproof
- high resistance to heat pressure
- high abrasion resistance
- easy to strip and process
- resistant to hydrolysis, oil and fuels
- 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 S  
extruded 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
Min. bending radius		3 x core-dia.

# RADOX® 155 S

Flexible single core – high oil resistance

Extract from our delivery programme

Cross section		Conductor		Core	Weight
nom. mm <sup>2</sup>	Construction nom. n x mm dia.	dia. max. mm	R <sub>20</sub> IEC 60228 max. Ω/km	dia. mm	nom. kg/100 m
0.50	19 x 0.18	0.9	40.1	1.70 ± 0.10	0.7
0.75	24 x 0.20	1.15	26.7	2.20 ± 0.10	1.1
1.0	32 x 0.20	1.3	20.0	2.60 ± 0.10	1.5
1.5	30 x 0.25	1.55	13.7	2.70 ± 0.10	1.9
2.5	48 x 0.25	2.05	8.21	3.50 ± 0.10	3.0
4.0	56 x 0.25	2.6	5.09	4.15 ± 0.15	4.5
6.0	81 x 0.25	3.4	3.39	5.20 ± 0.15	6.6

Various colours on request.