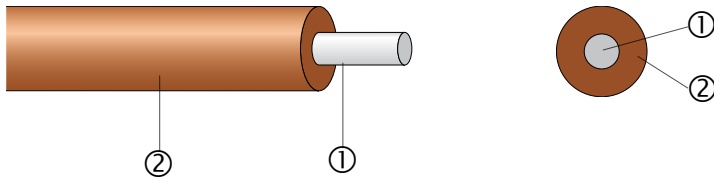


RADOX® 125

Solid wire



- excellent high and low temperature and ozone resistance
- halogen free
- flame retardant
- high resistance to heat pressure
- high abrasion resistance
- easy to process
- soldering resistant

Application

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

Composition of the cable

- ① Conductor
- ② Insulation

Core colours

stranded bare or tin plated copper, acc. to EN 60228, class 1
 RADOX® 125
 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		-40 °C up to +125 °C
Min. bending radius		3 x wire-dia.

The cables are in conformity with:

Halogen-free compound	fulfilled	EN 50363
Corrosivity of combustion gases	$\text{pH} \geq 4.3, \sigma \leq 10 \mu\text{S}/\text{mm}$	EN 50267-2-2
Amount of halogen acid gas	$\text{HCl}+\text{HBr} \leq 0.5\%$	EN 50267-2-1
Content of fluorine	$\text{HF} \leq 0.1\%$	EN 60684-2, # 45.2

RADOX® 125

Solid wire

Extract from our delivery programme

Cross section	Conductor		Core	Weight
nom. mm ²	dia. max. mm	R ₂₀ IEC 60228 max. Ω/km	dia. mm	nom. kg/100 m
0.50	0.8	36.7	1.90 ± 0.10	0.8
0.75	1.0	24.8	2.10 ± 0.10	1.0
1.0	1.15	18.2	2.35 ± 0.10	1.4
1.5	1.4	12.2	2.60 ± 0.10	1.9

Various colours on request.