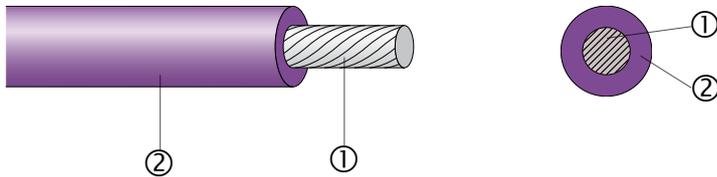


RADOX® KDJ-11

Flexible single core



- resistant to solvents, oils, fuels, alkaline solutions, acids and hydrolysis
- weatherproof
- impermeable to vapour
- compact design
- mechanical robustness in aggressive environment at high and low temperatures

Application

- Wiring of equipment for heating and refrigeration units, chemical plants, wet or humid rooms and rooms with high ambient temperatures.
- Compatible to moulding compounds.
- Transformer in oil, class H motors.

Composition of cable

① Conductor	stranded bare copper, acc. to EN 60228, class 5
② Insulation	FEP
Core colours	various, on request

Technical data

Voltage rating U_o/U	0.50 and 1.0 mm ² 1.50 up to 25 mm ²	300 / 500 V AC 450 / 750 V AC
Test voltage		2500 V AC
Max. conductor temperature	(continuous)	+180 °C
Short circuit temperature	(max. 5s)	+250 °C
Min. operating temperature	fixed	-100 °C
	flexing	-55 °C
Min. bending radius	fixed	3 x core-dia.
	flexing	5 x core-dia.

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Flexible single core

Extract from our delivery programme

Cross section	Conductor			Core	Weight
nom. mm ²	Construction nom. n x mm dia.	dia. max. mm	R ₂₀ IEC 60228 max. Ω/km	dia. mm	nom. kg/100 m
0.50	19 x 0.18	0.91	37.1	1.85	0.8
0.75	24 x 0.20	1.16	24.7	2.10	1.2
1.0	32 x 0.20	1.33	18.5	2.30	1.4
1.5	19 x 0.32	1.63	12.6	2.60	2.0
2.5	50 x 0.25	1.98	7.58	3.20	3.0
4.0	56 x 0.30	2.50	4.70	3.80	4.3
6.0	84 x 0.30	2.98	3.14	4.90	6.8
10	80 x 0.40	3.94	1.87	5.50	11.1
16	126 x 0.40	5.60	1.19	7.50	17.0

Various colours on request.