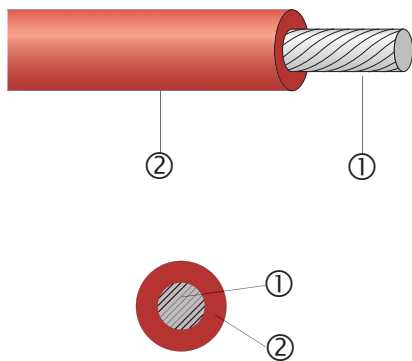


RADOX® UL 3266/CSA AWM I A/B

Flexible single core



- Excellent high and low temperature and ozone resistance
- Weatherproof
- High abrasion resistance
- Resistant to impregnation resins and varnishes
- Easy to process
- Soldering resistant
- Flexible

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
extruded and electron beam crosslinked polyolefin copolymer
various, on request

Technical data

Voltage rating U_o/U		300 V AC
Test voltage		2000 V AC
Operating temperature		+125 °C
Max. conductor temperature	at short circuit (max. 5 s)	+280 °C
Min. operating temperature	flexing	-25 °C
	fixed	-40 °C
Min. bending radius		3 × core-dia.

Standards

Appliance wiring material	CSA C22.2 no. 210.2	AWM I A/B 125 °C 300 V
Appliance wiring material	UL 758	style 3266

Approvals

UL	Underwriters Laboratories	file no. E63322
CSA	Canadian Standards Association	report no. 69581

The cables pass the following fire tests:

Vertical flame spread FT2	$L \leq 100$ mm	CSA C22.2 no. 0.3 # 4.11.2
Horizontal flame spread, Appliance-wire	$V \leq 25$ mm/Min.	UL 1581 # 1090

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Extract from our delivery programme

Cross section		Conductor		Core	Weight
nom.		Construction	Dia. max.	Dia.	nom.
AWG	mm ²	n × mm dia.	mm	mm	kg/100 m
26	0.15	19 × 0.10	0.51	1.32 ± 0.05	0.32
24	0.25	19 × 0.13	0.61	1.45 ± 0.05	0.41
22	0.38	19 × 0.16	0.77	1.65 ± 0.10	0.53
20	0.62	19 × 0.20	0.99	1.85 ± 0.10	0.83
18	0.96	19 × 0.25	1.23	2.10 ± 0.10	1.13
(16)	1.5	19 × 0.31	1.52	2.41 ± 0.10	1.65
14	2.1	19 × 0.37	1.86	2.72 ± 0.10	2.33
12	3.3	37 × 0.35	2.35	3.21 ± 0.10	3.53
10	5.26	37 × 0.44	3.02	3.88 ± 0.10	5.61

Various colours on request.