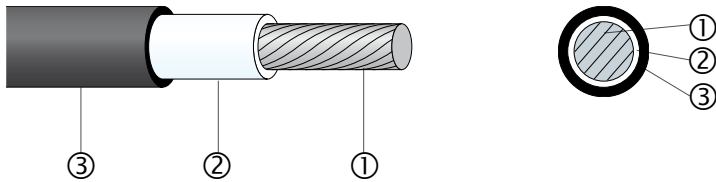


RADOX® UL1385 / CSA AWM I A/B

Flexible single core



- excellent high and low temperature and ozone resistance
- weatherproof
- flame retardant
- high resistance to heat pressure
- high abrasion resistance
- highly resistant to hydrolysis
- resistant to impregnation resins and varnishes
- easy to process
- soldering resistant insulation
- 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	stranded tin plated copper, acc. to EN 60228, class 5
② Insulation 1	electron beam crosslinked polyalcen
③ Insulation 2	electron beam crosslinked polyvinilydenfluorid (PVDF)
Core colours	various, on request

Technical data

Voltage rating		600 V AC
Operating temperature	(UL temperature rating)	+125 °C
Min. temperature		-65 °C
Min. bending radius		3 x core-dia.

Approvals

UL AWM 1385	125 °C, no voltage rating
CSA AWM I A/B	125 °C, 300 V, FT1, FT2

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Flexible single core

Extract from our delivery programme

Cross section		Conductor			Core	Weight
nom.		Construction nom. n x mm dia.	dia. max. mm	R ₂₀ MIL-W-81044/12 max. Ω/km	dia. mm	nom. kg/100 m
AWG	mm ²					
28	0.09	7 x 0.13	0.40	239	0.77 ± 0.05	0.13
26	0.15	19 x 0.10	0.51	150	0.87 ± 0.05	0.19
24	0.25	19 x 0.13	0.61	94.2	1.02 ± 0.05	0.30
22	0.38	19 x 0.16	0.77	59.4	1.18 ± 0.05	0.43
20	0.60	19 x 0.20	0.99	36.7	1.40 ± 0.05	0.65
18	0.93	19 x 0.25	1.23	23.2	1.66 ± 0.05	0.95
16	1.25	19 x 0.29	1.40	15.8	1.83 ± 0.05	1.30

Various colours on request.