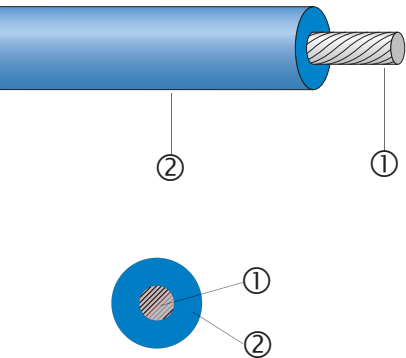


# RADOX® UL 3289/CSA CL 1503

Flexible single core



- Excellent high and low temperature and ozone resistance
- Weatherproof
- Flame retardant
- High resistance to heat pressure
- High abrasion resistance
- Easy to process
- Soldering resistant
- Flexible
- 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	stranded tin plated copper, acc. to EN 60228, class 5
② Insulation	RADOX 155 extruded and electron beam crosslinked polyolefin copolymer
Core colours	various, on request

### Technical data

Voltage rating	600 V AC
Test voltage	2500 V AC
Operating temperature	+150 °C
Max. conductor temperature	at short circuit (max. 5 s) +280 °C
Min. operating temperature	flexing -40 °C fixed -55 °C

### Standards

Appliance wiring material	CSA	CL 1503
Appliance wiring material	UL 758	style 3289

### Approvals

UL	Underwriters Laboratories	file no. E63322
CSA	Canadian Standards Association	certificate no. 039507

# RADOX® UL 3289/CSA CL 1503

Flexible single core

Extract from our delivery programme

Cross section		Conductor		Core	Weight	Bending radius
nom.		Construction nom.	Dia. max.	Dia.	nom.	min.
AWG	mm <sup>2</sup>	n × mm dia.	mm	mm	kg/100 m	
26	0.149	19 × 0.10	0.51	2.13 ± 0.10	0.55	3 × dia.
24	0.205	19 × 0.13	0.61	2.27 ± 0.10	0.66	3 × dia.
22	0.324	19 × 0.16	0.79	2.40 ± 0.10	0.79	3 × dia.
20	0.519	19 × 0.20	0.99	2.61 ± 0.10	1.1	3 × dia.
18	0.823	19 × 0.25	1.23	2.85 ± 0.10	1.5	3 × dia.
(16)	1.50	19 × 0.31	1.55	3.20 ± 0.10	2.1	3 × dia.
14	2.08	19 × 0.37	1.86	3.50 ± 0.10	2.7	3 × dia.
12	3.31	37 × 0.34	2.35	4.00 ± 0.15	4.0	3 × dia.
10	5.26	37 × 0.43	3.02	4.68 ± 0.15	6.1	3 × dia.
(8)	10	80 × 0.40	3.94	6.40 ± 0.15	11.7	3 × dia.
(6)	16	119 × 0.40	5.4	8.90 ± 0.2	18.4	3 × dia.
(4)	25	182 × 0.40	6.7	10.2 ± 0.2	25.8	3 × dia.
(2)	35	266 × 0.40	7.9	11.4 ± 0.2	36.5	3 × dia.
(1)	50	378 × 0.40	9.4	14.0 ± 0.25	54.3	4 × dia.
(2/0)	70	348 × 0.50	11.5	16.1 ± 0.3	71.3	4 × dia.
(3/0)	95	444 × 0.50	12.9	17.6 ± 0.3	93.6	4 × dia.
(4/0)	120	551 × 0.50	14.8	19.3 ± 0.3	113	4 × dia.

Various colours on request.