

# SRML 150°C 600V Apparatus & Motor Lead Wire



## APPLICATION:

SRML Apparatus & Motor Lead Wire is for use in lighting fixtures; high wattage units such as sun lamps and therapeutic devices; control and power circuits, when high temperatures and abrasive environments are present. SRML is suitable for use in applications -60°C up to 150°C and 600 volts.

## CONDUCTORS:

- Stranded soft drawn tinned coated copper conductor per ASTM B-33 and B-8

## INSULATION:

- Extruded silicone rubber insulation suitable for UV, ozone, and moisture exposure
- Silicone rubber in extreme environments, exceeding 200°C, leaves a non-conductive ash and retains excellent insulation properties

## JACKET:

- Braided fiberglass with a high temperature finish impregnated with a moisture, heat and flame resistant compound

## COLOR CODE:

- Available in colors or striped combinations

## STANDARDS:

- UL 3231
- UL SFF-2 (18-14 AWG)
- UL 3070 (18-12 AWG)
- UL 3101 (10 AWG)
- CSA AWM 1 A/B FT2
- CSA SEWF-2
- VW-1 flame Test
- IEEE 383 vertical flame test
- ICEA S-19-81

Part Number	Conductor Size	No. of Strands	Insulation Thickness		Fiberglass Braid Thickness		Overall Diameter		Min. Bend Radius	Net Weight
	AWG		inches	mm	inches	mm	inches	mm	inches	lbs/mft
18-01SRML	18	16	0.031	0.79	0.006	0.15	0.121	3.07	0.97	11
16-01SRML	16	26	0.031	0.79	0.006	0.15	0.131	3.33	1.05	14
14-01SRML	14	41	0.031	0.79	0.006	0.15	0.142	3.61	1.14	20
12-01SRML	12	65	0.031	0.79	0.006	0.15	0.161	4.09	1.29	29
10-01SRML	10	105	0.047	1.19	0.006	0.15	0.214	5.44	1.71	48
8-01SRML	8	133	0.062	1.57	0.009	0.23	0.309	7.85	2.47	86
6-01SRML	6	133	0.062	1.57	0.009	0.23	0.355	9.02	2.84	123

All values are nominal and subject to correction



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