

SRML/SF-2 200°C 600V Apparatus & Motor Lead Wire



APPLICATION:

SRML/SF-2 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. It is suitable for use in applications -60°C up to 200°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)
- CSA SEW-2 FTI
- CSA AWM Styles 3231 & 3071 (18-14 AWG)
- VW-1 flame Test
- IEEE 383 vertical flame test

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/km
SF-2 200°C										
18-01SF-2	18	7	0.031	0.79	0.006	0.15	0.122	3.10	0.98	11
16-01SF-2	16	7	0.031	0.79	0.006	0.15	0.133	3.38	1.06	14
14-01SF-2	14	7	0.031	0.79	0.006	0.15	0.144	3.66	1.15	19
12-01SF2	12	19	0.030	0.76	0.006	0.15	0.162	4.11	1.28	32
10-01SF2	10	19	0.045	1.14	0.006	0.15	0.217	5.51	1.71	52
SRML 200°C										
4-01SRML	4	133	0.062	1.57	0.009	0.23	0.395	10.03	3.16	170
2-01SRML	2	259	0.062	1.57	0.009	0.23	0.462	11.73	3.70	249
1-01SRML	1	259	0.080	2.03	0.010	0.25	0.533	13.54	4.26	318
1/0-01SRML	1/0	259	0.080	2.03	0.010	0.25	0.588	14.94	4.70	400
2/0-01SRML	2/0	259	0.080	2.03	0.010	0.25	0.634	16.10	5.07	489
3/0-01SRML	3/0	259	0.080	2.03	0.012	0.30	0.683	17.35	5.46	600
4/0-01SRML	4/0	259	0.080	2.03	0.012	0.30	0.743	18.87	5.94	740

All values are nominal and subject to correction

