

SRG-S CABLES

Flexible Silicone Rubber Glass Braid Conductors with an Overall Silicone Rubber Jacket, Temp Rating 200°C, 600V



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber with a fiberglass braid over the insulation
3. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
4. **Jacket:** Silicone Rubber

APPLICATIONS AND FEATURES:

Used for equipment wiring, as well as signal and control circuits. Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts.

Good chemical resistance, excellent electrical properties and provides circuit integrity when exposed to high temperatures and flame. Flexible. Also available in Power & Instrumentation Cable

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- RoHS-3 Complies with European Directive 2015/863



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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mil	inch	lb/1000ft	°C	Style/Type
C56100	16	2	30	0.345	50	200	Non-UL
C56105	16	3	30	0.360	65	200	Non-UL
C56110	16	4	30	0.450	80	200	Non-UL
C56115	16	5	30	0.470	100	200	Non-UL
C56120	16	7	30	0.525	140	200	Non-UL
C56130	16	12	30	0.660	230	200	Non-UL
C56140	16	19	30	0.820	365	200	Non-UL
C56150	16	37	30	1.080	790	200	Non-UL
C56200	14	2	30	0.375	70	200	Non-UL
C56205	14	3	30	0.400	90	200	Non-UL
C56210	14	4	30	0.436	130	200	Non-UL
C56215	14	5	30	0.480	155	200	Non-UL
C56220	14	7	30	0.520	200	200	Non-UL
C56230	14	12	30	0.730	375	200	Non-UL
C56240	14	19	30	0.900	595	200	Non-UL
C56300	12	2	30	0.410	75	200	Non-UL
C56305	12	3	30	0.430	110	200	Non-UL
C56310	12	4	30	0.565	175	200	Non-UL
C56315	12	5	30	0.590	215	200	Non-UL
C56320	12	7	30	0.660	300	200	Non-UL
C56330	12	12	30	0.825	520	200	Non-UL
C56340	12	19	30	1.000	820	200	Non-UL
C56400	10	2	45	0.525	145	200	Non-UL
C56405	10	3	45	0.555	220	200	Non-UL
C56410	10	4	45	0.630	290	200	Non-UL
C56415	10	5	45	0.690	360	200	Non-UL
C56420	10	7	45	0.820	500	200	Non-UL
C56430	10	12	45	1.045	870	200	Non-UL

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item



Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	mm	kg/km	°C	Style/Type
C56100	16	2	0.76	8.76	74	200	Non-UL
C56105	16	3	0.76	9.14	97	200	Non-UL
C56110	16	4	0.76	11.43	119	200	Non-UL
C56115	16	5	0.76	11.94	149	200	Non-UL
C56120	16	7	0.76	13.33	208	200	Non-UL
C56130	16	12	0.76	16.76	342	200	Non-UL
C56140	16	19	0.76	20.83	543	200	Non-UL
C56150	16	37	0.76	27.43	1176	200	Non-UL
C56200	14	2	0.76	9.52	104	200	Non-UL
C56205	14	3	0.76	10.16	134	200	Non-UL
C56210	14	4	0.76	11.07	193	200	Non-UL
C56215	14	5	0.76	12.19	231	200	Non-UL
C56220	14	7	0.76	13.21	298	200	Non-UL
C56230	14	12	0.76	18.54	558	200	Non-UL
C56240	14	19	0.76	22.86	885	200	Non-UL
C56300	12	2	0.76	10.41	112	200	Non-UL
C56305	12	3	0.76	10.92	164	200	Non-UL
C56310	12	4	0.76	14.35	260	200	Non-UL
C56315	12	5	0.76	14.99	320	200	Non-UL
C56320	12	7	0.76	16.76	446	200	Non-UL
C56330	12	12	0.76	20.96	774	200	Non-UL
C56340	12	19	0.76	25.40	1220	200	Non-UL
C56400	10	2	1.14	13.33	216	200	Non-UL
C56405	10	3	1.14	14.10	327	200	Non-UL
C56410	10	4	1.14	16.00	432	200	Non-UL
C56415	10	5	1.14	17.53	536	200	Non-UL
C56420	10	7	1.14	20.83	744	200	Non-UL
C56430	10	12	1.14	26.54	1295	200	Non-UL

