

**MG 550°C 600V UL 5425**

High Temperature Lead Wire, Temp Rating 550°C

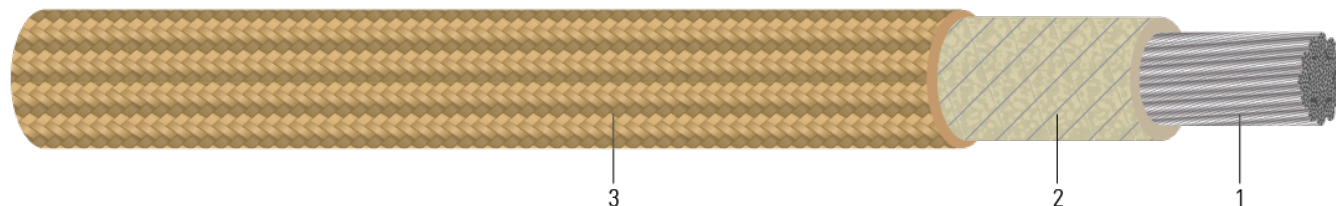


Image not to scale. See Table 1 for dimensions.

**CONSTRUCTION:**

1. **Conductor:** flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Mica fiberglass composite
3. **Jacket:** A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant. Natural color is tan.

**APPLICATIONS AND FEATURES:**

Internal wiring not subject to movement after installation. Approved for use up to 550°C. Excellent thermal and flame resistance, good chemical resistance, and produces minimal smoke when exposed to flames. Colors available upon request.

**SPECIFICATIONS:**

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863



**Table 1 – Weights and Measurements**

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	mil	inch	lb/1000ft	°C	Style/Type
C2246C	24	7/.008	20	7	0.080	6	550	5425
C2226C	22	7/.0100	20	7	0.085	8	550	5425
C2206C	20	10/.0100	27	7	0.095	10	550	5425
C2186C	18	16/.0100	20	7	0.105	12	550	5425
C2166C	16	26/.0100	20	7	0.115	16	550	5425
C2146C	14	41/.0100	20	7	0.130	23	550	5425
C2126C	12	65/.0100	20	7	0.150	31	550	5425
C2106C	10	105/.0100	34	17	0.220	52	550	5425
C2086C	8	133/.0111	34	17	0.275	78	550	5425
C2066C	6	133/.0142	34	17	0.320	115	550	5425
C2046C	4	133/.0177	34	17	0.375	175	550	5425

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

Dimensions and weights for other cable configurations are available upon request.

**Table 2 – Weights and Measurements (Metric)**

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	mm	kg/km	°C	Style/Type
C2246C	24	7/.008	0.51	0.18	2.03	9	550	5425
C2226C	22	7/.0100	0.51	0.18	2.16	12	550	5425
C2206C	20	10/.0100	0.69	0.18	2.41	15	550	5425
C2186C	18	16/.0100	0.51	0.18	2.67	18	550	5425
C2166C	16	26/.0100	0.51	0.18	2.92	24	550	5425
C2146C	14	41/.0100	0.51	0.18	3.30	34	550	5425
C2126C	12	65/.0100	0.51	0.18	3.81	46	550	5425
C2106C	10	105/.0100	0.86	0.43	5.59	77	550	5425
C2086C	8	133/.0111	0.86	0.43	6.99	116	550	5425
C2066C	6	133/.0142	0.86	0.43	8.13	171	550	5425
C2046C	4	133/.0177	0.86	0.43	9.52	260	550	5425

