EZMG 450°C 600V UL 5107 (EZ STRIP)

Flexible High Temperature Lead Wire - Features Clean Stripping Insulation, Temp Rating 450°C

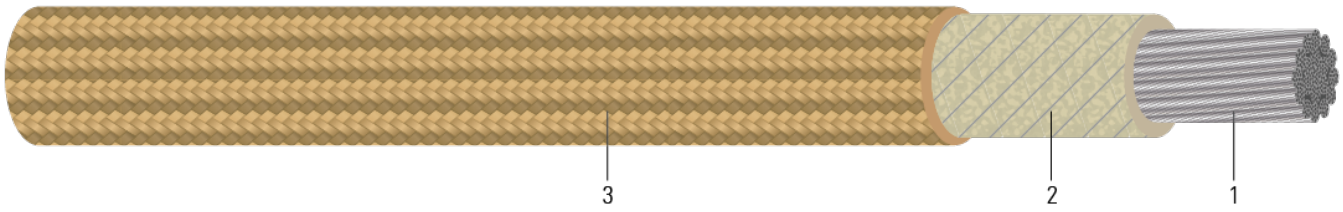


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Glass reinforced phlogopite mica tapes
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:

Used for the internal wiring of domestic and commercial ovens as well as cooking appliances. Ideal for use in electrical heaters. For equipment wiring in iron mills, steel mills, glass plants, and cement kilns.

Excellent thermal and flame resistance, flexible, 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
- Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

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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
C21805	18	16	25	7	0.115	12	450	5107
C21670	16	26	25	7	0.125	16	450	5107
C21405	14	41	25	7	0.140	23	450	5107
C21204	12	65	25	7	0.160	31	450	5107
C21004	10	105	30	17	0.210	52	450	5107
C20803	8	133	30	17	0.265	78	450	5107
C20610	6	133	30	17	0.310	115	450	5107
C20404	4	133	30	17	0.365	175	450	5107
C20203	2	133	35	20	0.450	260	450	5107
C20101	1	259	35	20	0.490	320	450	5107
C21T04	1/0	259	35	20	0.535	400	450	5107
C22T01	2/0	259	35	20	0.590	505	450	5107
C23T02	3/0	259	35	20	0.650	620	450	5107
C20409	4/0	259	35	20	0.710	760	450	5107
C22501	250	427	40	20	0.775	915	450	5107
C23501	350	427	40	20	0.890	1250	450	5107
C25001	500	427	40	20	1.045	1770	450	5107

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.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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
C21805	18	16	0.64	0.18	2.92	18	450	5107
C21670	16	26	0.64	0.18	3.18	24	450	5107
C21405	14	41	0.64	0.18	3.56	34	450	5107
C21204	12	65	0.64	0.18	4.06	46	450	5107
C21004	10	105	0.76	0.43	5.33	77	450	5107
C20803	8	133	0.76	0.43	6.73	116	450	5107
C20610	6	133	0.76	0.43	7.87	171	450	5107
C20404	4	133	0.76	0.43	9.27	260	450	5107
C20203	2	133	0.89	0.51	11.43	387	450	5107
C20101	1	259	0.89	0.51	12.45	476	450	5107
C21T04	1/0	259	0.89	0.51	13.59	595	450	5107
C22T01	2/0	259	0.89	0.51	14.99	752	450	5107
C23T02	3/0	259	0.89	0.51	16.51	923	450	5107
C20409	4/0	259	0.89	0.51	18.03	1131	450	5107
C22501	250	427	1.02	0.51	19.69	1362	450	5107
C23501	350	427	1.02	0.51	22.61	1860	450	5107
C25001	500	427	1.02	0.51	26.54	2634	450	5107

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