MG LITE 450°C 300V UL 5360

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

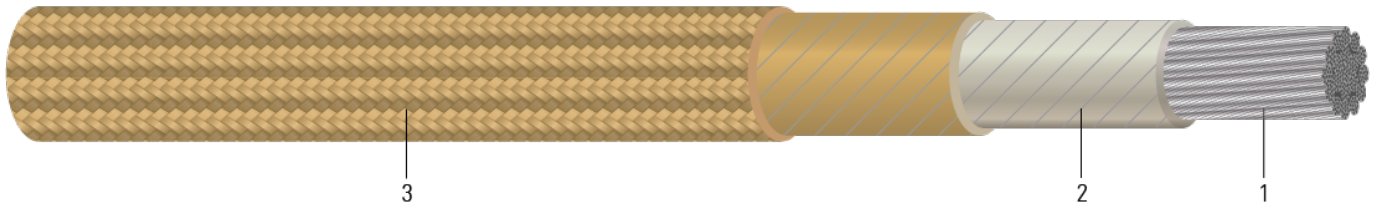


Image not to scale. See Table 1 for dimensions.

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 wiring of electrical heaters or similar high temperature equipment.

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

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
C212W1	12	65	12	7	0.135	29	450	5360

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
C212W1	12	65	0.30	0.18	3.43	43	450	5360

Copyright © 2026 Southwire Company, LLC. All Rights Reserved