

MGG CABLES

Flexible High Temperature Cable, Temp Rating 450°C, 600V



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- 1. Conductor:** Flexible stranded 27% nickel plated, annealed copper
- 2. Insulation:** Phlogopite mica tape with fiberglass braid jacket
- 3. Braid:** Fiberglass braid jacket
- 4. Cabling:** Conductors are cabled with a left hand lay
- 5. Jacket:** Fiberglass braid jacket is treated with a high temperature saturant

APPLICATIONS AND FEATURES:

Used in wiring equipment that will be exposed to high temperatures. Flexible.

Excellent flame resistance. Can withstand up to 2400°F short term. Also available in Power and Instrumentation Cables.

SPECIFICATIONS:

- UL 1277 Vertical Cable Tray Flame Tests (70,000 BTU/Hr)
- ICEA T-29-520 Flame Test (210,000 BTU/Hr)
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	inch	lb/1000ft	°C	Style/Type
C54515	10	5	0.640	292	450	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	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	kg/km	°C	Style/Type
C54515	10	5	16.26	435	450	UL

