

## SRG-K POWER CABLES

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



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Stranded tinned, annealed copper per ASTM B33
- Insulation:** Silicone Rubber with a fiberglass braid over the insulation
- Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
- Jacket:** K-Fiber braid, treated with a high temperature saturant, covers the core

### 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.

K Fiber Jacket provides improved mechanical strength and abrasion resistance. Flexible. Good chemical strength. Excellent electrical properties. Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity.

### SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

**Table 1 – Weights and Measurements**

Stock Number	Cond. Size AWG/Kcmil	Cond. Number No.	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Temp. Rating °C	Standard (UL or other) Style/Type
C51500	8	2	60	0.620	180	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 AWG/Kcmil	Cond. Number No.	Insul. Thickness mm	Approx. OD mm	Approx. Weight kg/km	Temp. Rating °C	Standard (UL or other) Style/Type
C51500	8	2	1.52	15.75	268	200	Non-UL

