

# SRG-K CONTROL 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:**

- 1. **Conductor**: Stranded tinned, annealed copper per ASTM B33
- 2. **Insulation**: Silicone Rubber with a fiberglass braid over the insulation
- 3. Cabling: Conductors are cabled with a left hand lay and bound with a polyester tape
- 4. **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	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mil	inch	lb/1000ft	°C	Style/Type
C51410	10	4	45	0.615	235	200	Non-UL

All dimensions are nominal and subject to normal manufacturing tolerances

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

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	mm	kg/km	°C	Style/Type
C51410	10	4	1.14	15.62	350	200	Non-UL



<sup>♦</sup> Cable marked with this symbol is a standard stock item

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.