

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 |
| C51320 | 12 | 7 | 30 | 0.570 | 240 | 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 | Cond. Number | Insul. Thickness | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|--------------|------------|--------------|------------------|------------|----------------|--------------|------------------------|
| | AWG/Kcmil | No. | mm | mm | kg/km | °C | Style/Type |
| C51320 | 12 | 7 | 0.76 | 14.48 | 357 | 200 | Non-UL |

