



SRG APPLIANCE WIRE 150°C 600V

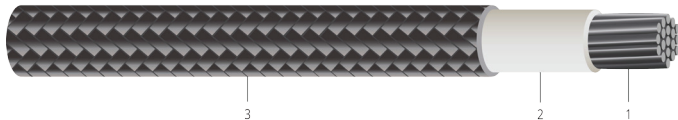
UL: 3070/3231 (Appliance Wire Material)

CSA: SEWF-2 (Silicone Equipment Wire)

PN: AA012BK601C Description: SRG 12(65)T 600V 150C 3231

SRG

- 1. Conductor: Tin Plated Copper
- 2. Insulation: Silicone Rubber
- 3. Braid: Fiberglass



Product Design:

- 1) **Conductor:** Stranded tin plated copper per ASTM B33
- 2) **Insulation:** Silicone Rubber
- 3) **Braid:** Fiberglass yarn coated with a smooth lacquer finish
- 4) **Colors:** Stock colors Black, White, Red, Green (Other colors on request)

Standards/Specifications:

- ASTM B33 Standard: Tin Plated Soft or Annealed Copper
- RoHS-3 Compliant with European Directive 2015/863
- UL approved as appliance wire per table below
- CSA approved as Silicone Equipment Wire SEWF-2 per table below
- Passes VW-1 Flame Test (UL)
- Passes FT1 Flame Test (CSA)

Applications:

Internal wiring of appliances, electrical equipment, hazardous location motors, generators and lighting fixtures

Characteristics:

- High flexibility
- Zero Halogen content
- Flame Resistant
- Excellent electrical properties
- Good chemical resistance
- 150°C Temperature rating
- Thermoset insulation
- Inorganic and fungus resistant
- Good ozone resistance

Part Number	AWG Size	Stranding (inches)	Insulation Wall (Inches)	OD (Inches)	Voltage Rating	Amp Rating
AA012BK601C	12	65/.0100	0.031	0.161	600	60

UL Style/Type	CSA Style/Type	Temp Rating	Bend Radius (Inches)	Weight Lb/Kf
3070/3231	SEWF-2	150°C	1.29	31

Ampacity is based on single conductor in free air with a 40°C ambient temperature.

Ampacity data is for reference only. Specific ampacity requirements must be determined by the end user based on the application