

PN: AB50MBH601C Description: SRK 500MCM(427)T 600V 200C 3410 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:** Kevlar Aramid blended fiber braid treated with a smooth lacquer finish
- 4) **Colors:** Stock color Black. (Other limited 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
- Passes VW-1 Flame Test (UL)
- Passes FT1 Flame Test (CSA)

Applications:

Internal wiring of appliances or leads for hazardous location motors

Characteristics:

- High flexibility
- Zero Halogen content
- Flame Resistant
- Excellent electrical properties
- Good chemical resistance
- 200°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
AB50MBH601C	500MCM	427/.0329	0.100	1.110	600	989

UL Style/Type	CSA Style/Type	Temp Rating	Bend Radius (Inches)	Weight Lb/Kf
3410/3231	N/A	200°C	8.88	1670

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