



**Copper Battery Cable**  
**SGR - 3000 Hour 150°C**  
**THERMOSET**  
**Prestolite ES - 2332**

**Features**

Copper or Tinned Conductors  
 Insulation: 150° EPDM "Ethylene Propylene Diene Monomer"  
 RoHS Compliant  
 Custom Strand Designs Available

**Applications**

Cables used for transportation vehicle systems  
 Suitable for use inside the engine compartment  
 Voltage 60 or 600 Volts  
 Temperature range -40°C to 150°C

**Product Design Options**

Colors Red or Black , Others available upon request  
 Packaging options: Reels

**Compliance**

Prestolite: ES-2332  
 SAE: J1127 SGR  
 SAE: J1654

Cable size (SAE Size)	Minimum Number of Strands	Individual Strand Size (AWG)	Minimum Conductor Area Cmils / mm <sup>2</sup>	Min Wall Thickness In / mm	Max Outside Cable Diameter In / mm	Maximum Resistance @ 20°C Ohms per 1,000 ft / 1,000m
6	133	27	24,538 / 12.4	0.042 / 1.06	0.339 / 8.61	0.423 / 1.388
4	440	30	37,360 / 18.9	0.046 / 1.16	0.420 / 10.66	0.278 / 0.912
2	704	30	62,450 / 31.6	0.046 / 1.16	0.505 / 12.82	0.166 / 0.545
1	880	30	77,790 / 39.4	0.046 / 1.16	0.557 / 14.14	0.128 / 0.420
1/0	1112	30	98,980 / 50.2	0.046 / 1.16	0.600 / 15.24	0.105 / 0.344
2/0	1408	30	125,100 / 63.4	0.046 / 1.16	0.655 / 16.63	0.083 / 0.272
3/0	1760	30	158,600 / 80.4	0.055 / 1.39	0.750 / 19.05	0.065 / 0.213
4/0	2071	30	205,500 / 104.1	0.055 / 1.39	0.810 / 20.57	0.050 / 0.164
250 MCM	2496	30	244,920 / 124.1	0.055 / 1.39	0.866 / 22.00	0.042 / 0.138