



**SAE J1127 SGR**  
**Battery Cable**  
 125°C

**Features**

Conductors available in tinned or copper  
 Insulation: 125°C  
 RoHS and REACH Compliant

**Product Design Options**

Custom strand constructions  
 Custom diameter to meet design criteria  
 Various colors and printing options available  
 Packaging options: reels

\*250MCM dimensional data currently not included in SAE J1127

**Applications**

Cables used for transportation vehicle systems

**Additional Specification Compliance**

SAE J2549  
 TMC RP 166 (T)

<b>AWG size</b>	<b>Number of Strands</b>	<b>Strand Size (ga)</b>	<b>Nom Cond OD (In)</b>	<b>Nom OD (In)</b>	<b>Nom Wall (in)</b>	<b>Approx. Net Weight (lbs/mft)</b>	<b>Approx. Cu (lbs/mft)</b>
6	49	23	0.173	0.297	0.060	107	78
6	133	27	0.181	0.300	0.060	109	79
4	61	22	0.219	0.353	0.065	172	132
4	133	25	0.228	0.359	0.065	171	132
4	420	30	0.255	0.389	0.065	177	133
2	127	23	0.289	0.428	0.065	251	200
2	133	23	0.290	0.436	0.065	266	212
2	266	26	0.320	0.457	0.065	250	196
2	665	30	0.305	0.448	0.065	260	205
2	704	30	0.297	0.436	0.065	245	192
1	127	22	0.341	0.480	0.065	306	247
1	266	25	0.361	0.498	0.065	318	258
1	880	30	0.345	0.481	0.065	315	257
1/0	266	24	0.393	0.537	0.065	368	299
1/0	127	21	0.348	0.496	0.065	375	310
1/0	1064	30	0.405	0.556	0.065	403	328
2/0	127	20	0.400	0.551	0.065	476	402
2/0	1408	30	0.429	0.570	0.065	485	409
3/0	1760	30	0.465	0.640	0.078	617	518
4/0	2224	30	0.544	0.722	0.078	769	653
*250MCM	2368	30	0.577	0.825	0.115	942	764

**Customer Service Group**

1 Prestolite Drive

Paragould, Arkansas 72450

Phone: 800-952-3842 870-236-8141

Fax: 870-239-6139

Web: [www.prestolitewire.com](http://www.prestolitewire.com)