



**SAE J378**  
Automotive Cable/Primary Wire  
105°C

**Features**

Conductors available in tinned or copper  
Insulation: 105°C PVC  
RoHS and REACH Compliant

**Product Design Options**

Custom strand constructions  
Custom diameter to meet design criteria  
Various colors for base and stripe combinations  
Packaging options: reels or drums

**Applications**

Cables used for automotive electrical

<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>Min Avg Wall (in)</b>	<b>Approx. Net Weight (lbs/mft)</b>	<b>Approx. Cu (lbs/mft)</b>
20	7	28	0.038	0.084	0.019	6	3
18	16	30	0.048	0.092	0.018	8	5
16	19	29	0.057	0.102	0.016	12	7
14	19	27	0.069	0.116	0.016	16	12
12	19	25	0.088	0.141	0.021	25	19
12	65	30	0.092	0.143	0.018	26	20
10	105	30	0.120	0.18	0.022	43	33
10	19	23	0.108	0.175	0.025	39	30
8	19	21	0.137	0.208	0.026	60	48
6	280	30	0.185	0.303	0.042	107	80
6	37	30.5	0.190	0.299	0.042	118	92
6	133	27	0.200	0.309	0.042	107	80
4	133	25	0.249	0.385	0.045	175	133
4	420	30	0.252	0.389	0.046	176	134
2	133	23	0.290	0.422	0.046	257	210
2	266	26	0.320	0.457	0.046	253	202
2	65	30	0.317	0.459	0.046	261	207
1	127	22	0.341	0.471	0.046	304	247
1	817	30	0.368	0.502	0.046	315	258
1/0	1045	30	0.399	0.55	0.046	393	323
2/0	1330	30	0.464	0.667	0.07	527	411
3/0	1672	30	0.515	0.69	0.055	620	516
4/0	2109	30	0.565	0.744	0.055	768	653

**Customer Service Group**

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