



SAE J1654
Automotive Cable/High Voltage Primary Cable
-55°C to 125°C

Features

Conductors available in tinned or copper
 Insulation: -55°C to 125°C XLPE
 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 systems
 600 Volt Rated

| AWG size | Number of Strands | Strand Size (ga) | Nom Cond OD (in) | Nom OD (in) | Min Avg Wall (in) | Approx. Net Weight (lbs/mft) | Approx. Cu (lbs/mft) |
|----------|-------------------|------------------|------------------|-------------|-------------------|------------------------------|----------------------|
| 22 | 7 | 30 | 0.030 | 0.062 | 0.013 | 4 | 2 |
| 20 | 7 | 28 | 0.038 | 0.084 | 0.016 | 6 | 3 |
| 18 | 19 | 30.5 | 0.045 | 0.078 | 0.013 | 7 | 5 |
| 16 | 19 | 29 | 0.056 | 0.086 | 0.013 | 10 | 7 |
| 14 | 19 | 27 | 0.069 | 0.139 | 0.028 | 19 | 12 |
| 12 | 19 | 25 | 0.088 | 0.128 | 0.015 | 23 | 19 |
| 10 | 19 | 23 | 0.108 | 0.155 | 0.017 | 37 | 30 |
| 6 | 133 | 27 | 0.181 | 0.300 | 0.042 | 109 | 79 |
| 4 | 133 | 25 | 0.229 | 0.359 | 0.045 | 171 | 132 |
| 2 | 133 | 23 | 0.290 | 0.394 | 0.031 | 245 | 210 |
| 2 | 704 | 30.5 | 0.297 | 0.437 | 0.046 | 245 | 192 |
| 1 | 880 | 30.5 | 0.345 | 0.481 | 0.045 | 317 | 257 |
| 1/0 | 127 | 21 | 0.348 | 0.459 | 0.031 | 356 | 310 |
| 2/0 | 127 | 20 | 0.400 | 0.514 | 0.031 | 456 | 402 |
| 2/0 | 1330 | 30 | 0.447 | 0.595 | 0.046 | 488 | 409 |
| 3/0 | 1672 | 30 | 0.515 | 0.631 | 0.031 | 594 | 525 |

REV: -2- 2/24/2012

Customer Service Group

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