

SGR BATTERY CABLE SAE J1127



FEATURES

- Custom print, special stranding and packaging- are available upon request.
- Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil and transmission fluid.
- Meets the Battery Cable requirements of UL 558 paragraph 8.1 item (f) and UL 583 paragraph 12.1 item (f).
- UL Approved product, upon request.
- Meets SAE J1127 for SGR.

APPLICATIONS

- For use between battery terminal & starter and grounding, on boats, buses, cars, lift trucks, RV's, tractors and trucks.

CONSTRUCTION

SAE SGR Battery Cable 60V DC is constructed with flexible stranded copper conductor. Insulation is a high grade RoHS compliant -40°C to 105°C EPDM. Kalas SGR Battery Cable is constructed to meet the requirements of SAE J1127.

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| GAUGE | STANDARD PART NUMBER | STRANDING | INSULATION THICKNESS | | NOMINAL O.D. | | STANDARD PACKAGE | SHIPPING WEIGHT -LBS/ 1000 FT. |
|-----------|----------------------|-------------|----------------------|------|--------------|-------|------------------|--------------------------------|
| | | | in | mm | in | mm | | |
| 6 | None | 37/.0260 | 0.060 | 1.52 | 0.305 | 7.75 | 1000 | 104 |
| 6 | 310198.xxx | 7/19/.0137 | 0.060 | 1.52 | 0.310 | 7.87 | 1000 | 107 |
| 4 | 310204.xxx | 7/19/.0170 | 0.065 | 1.65 | 0.375 | 9.53 | 1000 | 153 |
| 4 | 300051.xxx | 61/.0250 | 0.065 | 1.65 | 0.350 | 8.89 | 1000 | 160 |
| 2 | 300245.00x | 7/19/.0218 | 0.065 | 1.65 | 0.438 | 11.13 | 1000 | 248 |
| 1 | None | 7/19/.0243 | 0.065 | 1.65 | 0.480 | 12.19 | 1000 | 308 |
| 1/0 | 300045.xxx | 19/7/.0275 | 0.065 | 1.65 | 0.525 | 13.34 | 500 | 383 |
| 2/0 | 310706.xxx | 19/7/.0309 | 0.065 | 1.65 | 0.575 | 14.61 | 500 | 470 |
| 3/0 | 310199.xxx | 19/84/.010 | 0.078 | 1.98 | 0.641 | 16.28 | 500 | 631 |
| 4/0 | None | 19/109/.010 | 0.078 | 1.98 | 0.711 | 18.06 | 500 | 766 |
| 250 MCM * | None | 19/133/.010 | 0.090 | 2.29 | 0.795 | 20.19 | 500 | 944 |

* Manufactured to SAE interpolated data

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

KALASWIRE.COM
P 717-335-0135

LAS VEGAS WAREHOUSE
4320 North Lamb Blvd.
Suite 300,
Las Vegas, Nevada 89115

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110