

XLPO - Type SGX

Automotive Starter, Ground or Battery Cable

SAE: -40°C to 125°C, 60V, J1127



| IEWC Part Number | AWG | Stranding | Nominal Insulation Thickness | | Nominal O.D. | | Approx. Weight | |
|------------------|-----|-----------|------------------------------|-----|--------------|------|----------------|-------|
| | | | in | mm | in | mm | lbs/1k ft | kg/km |
| SGX06 | 6 | 37/.0266 | 0.065 | 1.7 | 0.294 | 7.5 | 100 | 149 |
| | | 49/.0232 | 0.065 | 1.7 | 0.315 | 8.0 | 105 | 156 |
| | | 133/27 | 0.060 | 1.5 | 0.315 | 8.0 | 111 | 165 |
| | | 266/.0098 | 0.065 | 1.7 | 0.325 | 8.3 | 108 | 161 |
| SGX04 | 4 | 61/.0249 | 0.065 | 1.7 | 0.340 | 8.6 | 146 | 217 |
| | | 133/25 | 0.065 | 1.7 | 0.374 | 9.5 | 167 | 249 |
| SGX02 | 2 | 127/23 | 0.065 | 1.7 | 0.435 | 11.0 | 244 | 363 |
| | | 133/.0218 | 0.065 | 1.7 | 0.440 | 11.2 | 258 | 384 |
| SGX01 | 1 | 133/22 | 0.065 | 1.7 | 0.480 | 12.2 | 322 | 479 |
| | | 259/25 | 0.065 | 1.7 | 0.460 | 11.7 | 307 | 457 |
| SGX1/0 | 1/0 | 133/.0275 | 0.065 | 1.7 | 0.535 | 13.6 | 431 | 641 |
| | | 1026/30 | 0.065 | 1.7 | 0.523 | 13.3 | 369 | 549 |
| SGX2/0 | 2/0 | 133/.0309 | 0.065 | 1.7 | 0.585 | 14.9 | 499 | 743 |
| | | 1254/30 | 0.065 | 1.7 | 0.578 | 14.7 | 461 | 686 |
| | | 1330/30 | 0.065 | 1.7 | 0.577 | 14.7 | 499 | 743 |
| SGX3/0 | 3/0 | 1615/30 | 0.078 | 2.0 | 0.654 | 16.6 | 589 | 877 |
| | | 1672/30 | 0.078 | 2.0 | 0.670 | 17.0 | 603 | 897 |
| SGX4/0 | 4/0 | 2014/30 | 0.078 | 2.0 | 0.706 | 17.9 | 766 | 1140 |
| | | 2052/30 | 0.078 | 2.0 | 0.714 | 18.1 | 746 | 1110 |
| | | 2109/30 | 0.078 | 2.0 | 0.732 | 18.6 | 779 | 1159 |

Notes

- Soft-annealed, bare copper conductor
- Chemically cross-linked polyolefin (XLPO) insulation
- RoHS Compliant
- Standard insulation colors: black and red

Alternative Constructions

- Soft-annealed, tinned copper conductor
- Chemically cross-linked polyethylene (XLPE) insulation

Available Certifications

SAE: J1654
 Ford: ESB-M1L85-A, ESF-M1L92-A
 Chrysler: MS-5919
 Delphi: ESM-3024

Applications

For use in automotive, grounding, lighting, tool and appliance applications. Rated for continuous use from -40°C up to 125°C.