



SAE 125°C SGR

1/0 1112X30B 125C SGR BK

Conductor

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| Size: | 1/0 |
| Number of Strands: | 1112 |
| Strand OD, Nom: | 30 GA (0.0100 in) |
| Conductor: | Bare Copper |
| Conductor: | Custom Strand Design Options Available |

Insulation

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|----------------------|-----------------------|
| Insulation Material: | 125°C EPDM |
| Min Wall: | 1.16 mm (0.046 in) |
| Nom Wall: | 1.65 mm (0.065 in) |
| Diameter, Max: | 15.24 mm (0.600 in) |
| Separator: | Paper Separator |
| Strip Force, Min: | 4 lbs (17.8 N) |
| Strip Force, Max: | 40 lbs (177.9 N) |

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| Temperature Rating: | -50°C to 125°C |
| Voltage Rating: | SAE J1654 Nominal system voltage up to 600 V or 1000 V (AC rms or DC) |
| Ampacity @ 40°C | 309 Amps (Single Conductor in Free Air) |
| Min Bend Radius: | 6 X Diameter |

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| Specifications: | SAE J1127 (Ref. Figure A1- Conductors for product O.D) |
| | SAE J1654 |
| | Prestolite: ES-2332 |
| | Strip Force: Prestolite ES-235 |

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|---------------|---|
| Packaging: | Reels |
| Color: | Black |
| Print Legend: | 1/0 AWG SAE J1127 SGR 125C (60V) SAE J1654 (600V) |
| Part Number: | 152978-96 |
| Other: | RoHS Compliant |