



SAE 125°C SGR

1/0 1112X30B 125C SGR BK

Conductor

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

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)

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

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

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