



Type SGT Battery & Starter Cable

Technical Specifications

APPLICABLE SPECIFICATIONS: SAE J1127... "Battery Cable"

CONDUCTORS:

- Multiple strand conductor offers flexibility & bend strain relief
- Soft bare copper conductors meet the elongation requirements of ASTM B-174
- Minimum cross sectional area or conductor

6 ga.	24538 cir.mils
4 ga.	37360 cir.mils
2 ga.	62450 cir.mils
1 ga.	77790 cir.mils
1/0 ga.	98980 cir.mils
2/0 ga.	125100 cir.mils
3/0 ga.	158600 cir.mils
4/0 ga.	205500 cir.mils

INSULATION:

- Insulated with a specially formulated, 85°C-rated, thermoplastic (PVC) for wear resistance and flexibility
- Minimum tensile strength of 1600 psi at 110°C aging
- Minimum elongation of 125% at 110°C aging
- Dielectric withstand testing to 1000 V
- Available in black or red

DIMENSIONS:

Gauge	Nominal Wall Thickness	Maximum Outside Diameter
6 ga.	0.060"	0.340"
4 ga.	0.065"	0.420"
2 ga.	0.065"	0.505"
1 ga.	0.065"	0.557"
1/0 ga.	0.065"	0.600"
2/0 ga.	0.065"	0.655"
3/0 ga.	0.078"	0.750"
4/0 ga.	0.078"	0.810"