

SGT & STT BATTERY CABLE

105°C. 60 Volts DC and 25 Volts AC. Flexible Stranded Copper Conductor. PVC Insulation.



Images not to scale and for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible stranded bare copper; See Table 1 for Stranding Details

Insulation: Polyvinyl chloride (PVC)

Colors: All Colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

Southwire Type SGT and STT battery cables are 60 VDC and 25 VAC cables that can be used in harnesses made for all types of land vehicles. 600 V - 1,000 V rated designs may be available on special order. Other sizes and constructions may also be available on special order. Contact sales.

Resistant to flame, ozone, hot water, abrasion, automotive fluids, temperature and humidity cycling.

SPECIFICATIONS:

- ASTM B3 Soft or annealed copper
- SAE J1127 Low Voltage Battery Cable

SAMPLE PRINT LEGEND:

CF 2 AWG SAE J1127 TYPE SGT 105C

* Type STT is not printed.

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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	Stranding Information	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
Type STT Thin Wall					
F06160	6	133/27	0.043	0.275	100
F04107	4	133/25	0.044	0.335	146
Type SGT General Purpose					
F06035	6	133/27	0.060	0.301	114
F04022	4	133/25	0.065	0.356	160
F02019	2	133/21	0.065	0.420	246
F01014	1	259/25	0.065	0.458	313
F1T019	1/0	1026/30	0.065	0.515	375
F2T013	2/0	1254/30	0.065	0.570	455
F3T010	3/0	1615/30	0.078	0.646	596
F4T018	4/0	2109/30	0.078	0.706	758

All dimensions are nominal and subject to nominal manufacturing tolerances



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