

# TYPE SGT

## MULTI-PURPOSE BATTERY CABLE



### Applications

Direct's Type SGT is a multi-purpose battery cable designed for use in automotive and vehicular applications (e.g. car, bus, truck, tractor, heavy equipment, etc.) as well as a variety of industrial environments. Type SGT is UL listed, meets SAE J1127 requirements, compliant to RoHS standards, and manufactured in the USA.

### Construction

- Rope-lay, bunch-stranded bare copper conductor
- Jacketed with PVC compound

See reverse for construction details and technical specifications

TYPE SGT   MULTI-PURPOSE BATTERY CABLE						
AWG SIZE	# COND STRAND / DIAM (OR) GA	NOMINAL INSULATION THICKNESS		NOMINAL OUTSIDE DIAMETER (+JACKET)		APPROX LBS PER 1K'
		INCHES	MM	INCHES	MM	
#6	133 / .014	.060	1.52	.310	7.87	106
#4	133 / .017	.065	1.65	.380	9.65	161
#2	133 / .022	.065	1.65	.430	10.92	240
#1	133 / .024	.065	1.65	.470	11.94	293
1 / 0	133 / .027	.065	1.65	.535	13.59	374
2 / 0	133 / .031	.065	1.65	.560	14.22	446
3 / 0	361 / .021	.078	1.98	.621	15.77	564
4 / 0	361 / .024	.078	1.98	.677	17.20	708

All data and specifications contained herein are current and subject to change without notification. All values are nominal and/or approximate and may vary. All styles and standards dependent on conductor size.

©2020 Direct Wire. All rights reserved.



# TYPE SGT MULTI-PURPOSE BATTERY CABLE

## TECHNICAL SPECIFICATIONS

---

### Construction

---

- |                     |   |
|---------------------|---|
| Conductors          | <ul style="list-style-type: none"><li>• Rope-lay, bunch-stranded bare copper conductor</li></ul>  |
| Voltage Rating      | <ul style="list-style-type: none"><li>• 60 V DC; 25 V AC</li></ul>  |
| Insulation & Jacket | <ul style="list-style-type: none"><li>• Jacketed with PVC compound</li><li>• Resistant to battery acid, crushing force, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluid</li></ul> |
| Temperature Range   | <ul style="list-style-type: none"><li>• -50°C (-58°F) to 80°C (176°F)</li></ul>   |
- 

### Standards & Certifications

---

- |                    |   |
|--------------------|---|
| Industry Approvals | <ul style="list-style-type: none"><li>• UL 2556</li><li>• Meets battery cable requirements per:<ul style="list-style-type: none"><li>• UL 558 and UL 583</li></ul></li><li>• SAE J1127 Compliant</li><li>• REACH, RoHS, CMRT, and Prop 65 Compliant</li></ul> |
|--------------------|---|
- 

### Standard Stock

---

- |                   |  |
|-------------------|--|
| Available Lengths | <ul style="list-style-type: none"><li>• Coils/Assemblies at 25', 50', 100', and 250'</li><li>• Reels at 500', 1,000', and 2,500'</li><li>• Custom lengths available upon request</li></ul> |
|-------------------|--|
- 

### Customization

---

- |                     |  |
|---------------------|--|
| Jacket Colors       | <ul style="list-style-type: none"><li>• ● Black (standard) ● Red</li></ul>   |
| Sample Print Legend | <ul style="list-style-type: none"><li>• {AWG SIZE} SGT BATTERY CABLE 80°C * MADE IN USA * SAE J1127</li></ul>              |
| Marking Options     | <ul style="list-style-type: none"><li>• Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking</li></ul> |