

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.

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TYPE SGT MULTI-PURPOSE BATTERY CABLE

TECHNICAL SPECIFICATIONS

Construction

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|---------------------|--|
| Conductors | <ul style="list-style-type: none">• Rope-lay, bunch-stranded bare copper conductor |
| Voltage Rating | <ul style="list-style-type: none">• 60 V DC; 25 V AC |
| Insulation & Jacket | <ul style="list-style-type: none">• Jacketed with PVC compound• Resistant to battery acid, crushing force, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluid• 75°C (167°F) wet rating and 60°C (140°F) oil resistant temperature rating (PVC compound) |
| Temperature Range | <ul style="list-style-type: none">• -50°C (-58°F) to 105°C (221°F) |
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Standards & Certifications

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|--------------------|--|
| Industry Approvals | <ul style="list-style-type: none">• UL 2556• UL 4127 (60 V DC; 25 V AC)• Meets battery cable requirements per:<ul style="list-style-type: none">• UL 558 and UL 583• SAE J1127 Compliant• REACH, RoHS, CMRT, and Prop 65 Compliant |
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Standard Stock

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

- | | |
|-----------------------|--|
| Jacket Colors | <ul style="list-style-type: none">• Black Red |
| Standard Print Legend | <ul style="list-style-type: none">• {AWG SIZE} SGT BATTERY CABLE 105°C * MADE IN USA * SAE J1127 |
| Marking Options | <ul style="list-style-type: none">• Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking |
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