

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, and manufactured in the USA.

Construction

- Rope-lay, bunch-stranded bare copper conductor
- Available in Combination 133X & 30 AWG, 30 AWG, and 24 AWG standing
- Jacketed with PVC compound

See reverse for construction details and technical specifications

TYPE SGT | COMBINATION OF 133X & 30 AWG FLEXIBLE STRAND 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 / .0140 (27)	.060	1.52	.312	7.92	111
#4	133 / .0170 (25)	.065	1.65	.363	9.22	158
#2	133 / .0218 (23)	.065	1.65	.428	10.87	243
#1	767 / .0100 (30)	.065	1.65	.456	11.58	288
1 / 0	975 / .0100 (30)	.065	1.65	.501	12.72	359
2 / 0	1196 / .0100 (30)	.065	1.65	.539	13.69	432
3 / 0	1547 / .0100 (30)	.078	1.98	.625	15.86	564
4 / 0	1950 / .0100 (30)	.078	1.98	.690	17.52	699

TYPE SGT | 30 AWG 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	260 / .0100 (30)	.060	1.52	.307	7.80	110
#4	364 / .0100 (30)	.065	1.65	.346	8.79	149
#2	624 / .0100 (30)	.065	1.65	.428	10.87	240
#1	767 / .0100 (30)	.065	1.65	.456	11.58	288
1 / 0	975 / .0100 (30)	.065	1.65	.501	12.72	359
2 / 0	1196 / .0100 (30)	.065	1.65	.539	13.69	432
3 / 0	1547 / .0100 (30)	.078	1.98	.625	15.86	564
4 / 0	1950 / .0100 (30)	.078	1.98	.690	17.52	699

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.



TYPE SGT MULTI-PURPOSE BATTERY CABLE

TYPE SGT | 24 AWG 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	70 / .0195 (24)	.060	1.52	.333	8.45	115
#4	98 / .0195 (24)	.065	1.65	.397	10.09	159
#2	168 / .0195 (24)	.065	1.65	.449	11.39	248
#1	210 / .0195 (24)	.065	1.65	.465	11.81	299
1 / 0	266 / .0195 (24)	.065	1.65	.544	13.81	375
2 / 0	342 / .0195 (24)	.065	1.65	.597	15.16	472
3 / 0	418 / .0195 (24)	.078	1.98	.674	17.12	585
4 / 0	532 / .0195 (24)	.078	1.98	.748	18.99	731

TECHNICAL SPECIFICATIONS

Construction

- Conductors
 - Rope-lay, bunch-stranded Combo 133X/30 AWG, 30 AWG, and 24 AWG copper conductor
- Voltage Rating
 - 60 V DC; 25 V AC
- Insulation & Jacket
 - 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
- Temperature Range
 - 50°C (-58°F) to 105°C (221°F)

Standards & Certifications

- Industry Approvals
 - UL Listed
 - Meets battery cable requirements per: UL 558 and UL 583
 - SAE J1127 Compliant

Standard Stock

- Available Lengths
 - Coils/Assemblies at 25', 50', 100', and 250'
 - Reels at 500', 1,000', and 2,500'
 - Custom lengths available upon request

Customization

- Jacket Colors
 - Black (standard) ● Blue ● Green ● Red ● Yellow ● Orange
- Sample Print Legend
 - {AWG SIZE} SGT BATTERY CABLE 80°C * MADE IN USA * SAE J1127
- Marking Options
 - Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking

