

TYPE SGX CROSS-LINKED BATTERY CABLE

TYPE SGX | COMBINATION OF 133X & 30 AWG FLEXIBLE STRAND CROSS-LINKED 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	.321	8.15	114
#4	133 / .0170 (27)	.065	1.65	.372	9.45	162
#2	133 / .0218 (27)	.065	1.65	.437	11.10	248
#1	767 / .0100 (30)	.065	1.65	.465	11.81	293
1 / 0	975 / .0100 (30)	.065	1.65	.510	12.95	364
2 / 0	1196 / .0100 (30)	.065	1.65	.548	13.92	438
3 / 0	1547 / .0100 (30)	.078	1.98	.634	16.09	572
4 / 0	1950 / .0100 (30)	.078	1.98	.699	17.74	707
250	2432 / .0100 (30)	.078	1.98	.789	20.03	872

TECHNICAL SPECIFICATIONS

Construction

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| Conductors | <ul style="list-style-type: none"> Rope-lay, bunch-stranded SAE intermediate or ASTM Class K copper Bare (standard) or tinned (optional) |
| Voltage Rating | <ul style="list-style-type: none"> 60 V DC; 25 V AC |
| Insulation & Jacket | <ul style="list-style-type: none"> Wrapped paper separator Jacketed with LSHF (low-smoke, halogen-free) cross-linked XLPO compound Resistant to abrasion, battery acid, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame propagation, gasoline, power-steering fluid, and transmission fluid |
| Temperature Range | <ul style="list-style-type: none"> -40°C (-40°F) to 125°C (257°F) Dry |

Standards & Certifications

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| Industry Approvals | <ul style="list-style-type: none"> UL Listed; UL 4127 (60 V DC; 25 V AC) Meets battery cable requirements per UL 558 and 583 SAE J1127 Compliant 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', and 100' Reels at 250', 500', 1,000', and 2,500' Custom lengths available upon request |
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Customization

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|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| Jacket Colors | <ul style="list-style-type: none"> ● Black (standard) ● Blue ● Green ● Red ● Yellow ● Orange |
| Marking Options | <ul style="list-style-type: none"> Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking |

