

3311 / 3279 / CL905

INTERCONNECTION BATTERY CABLE



Applications

Direct's 3311 / 3279 / CL905 is a versatile battery cable suitable for interconnection between terminals and starters or grounds. It is also commonly used in welding applications, motor leads, appliance wiring, and UPS systems. 3311 / 3279 / CL905 is UL and cRUus listed, CSA approved, RoHS compliant, and manufactured in the USA.

Construction

- Rope-lay, bunch-stranded 30 AWG 99.99% oxygen-free electronic (OFE) high-purity copper conductor; bare or tinned ASTM Class K copper
- Wrapped paper separator
- Jacketed with EPDM compound

[See reverse for construction details and technical specifications](#)

3311 / 3279 / CSA CL905 INTERCONNECTION BATTERY CABLE						
AWG SIZE	# COND STRAND	NOMINAL INSULATION THICKNESS		NOMINAL OUTSIDE DIAMETER		APPROX LBS PER 1K'
	/ DIAM(OR) GA	INCHES	MM	INCHES	MM	
#8	182 / 30	.080	2.03	.326	8.28	92
#6	273 / 30	.080	2.03	.370	9.40	128
#4	429 / 30	.080	2.03	.420	10.67	187
#2	676 / 30	.080	2.03	.475	12.07	267
#1	845 / 30	.095	2.41	.544	13.82	344
1 / 0	1,066 / 30	.095	2.41	.581	14.76	416
2 / 0	1,339 / 30	.095	2.41	.630	16.00	511
3 / 0	1,677 / 30	.095	2.41	.688	17.48	628
4 / 0	2,109 / 30	.095	2.41	.746	18.95	773
250 MCM	2,527 / 30	.095	2.41	.810	20.57	926

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.

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3311 / 3279 / CL905 BATTERY CABLE

TECHNICAL SPECIFICATIONS

Construction

Conductors	<ul style="list-style-type: none">Rope-lay, bunch-stranded 30 AWG copper conductor; bare or tinned ASTM Class K 99.99% oxygen-free electronic (OFE) high-purity copper
Voltage Rating	<ul style="list-style-type: none">600 V
Insulation & Jacket	<ul style="list-style-type: none">Wrapped paper separatorJacketed with EPDM compoundResistant to abrasion, battery acid, crushing force, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluid
Temperature Range	<ul style="list-style-type: none">3311; -50°C (-58°F) to 90°C (194°F)3279; -50°C (-58°F) to 105°C (221°F)CL905; -30°C (-22°F) to 90°C (194°F)

Standards & Certifications

Industry Approvals	<ul style="list-style-type: none">UL 758 Appliance Wiring MaterialMeets battery cable requirements per:<ul style="list-style-type: none">UL 558 and UL 583UL 1581 and 2556CSA C22.2 No. 127 and No. 2556	<ul style="list-style-type: none">ASTM B3, B33, B49, and B172cRUus ListedFT-1 and FT-2REACH, RoHS, CMRT, and Prop 65 Compliant
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Standard Stock

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 (standard) ● Blue ● Green ● Red ● Yellow ● Orange
Sample Print Legend	<ul style="list-style-type: none">{AWG Size} cRUus {E#} AWM 3311 90°C 3279 105°C 600V FT-2 - - - {AWG Size} cRUus {E#} CL905 90°C -30°C 600V FT-1
Marking Options	<ul style="list-style-type: none">Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking

