

# COBRA WIRE BATTERY SYSTEMS CABLE®

UL 3311 ZERO-HALOGEN

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## DESCRIPTION

This specification covers the requirements for flexible single conductor motor lead and coil lead wire and meets the requirements of UL subject 758 and CSA C22.2 #210.2. This UL 3311 product is suitable for use as battery cable, motor leads, and other DC power applications.

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## STANDARD

UL 3311 & UL 3279

## INSULATION

Cobra Battery Systems Cable is insulated with a thermoset EPDM insulation that has excellent abrasion resistance, strippability, flexibility and dielectric strength. It is also RoHS compliant.

## VOLTAGE

600 Volts

## TEMPERATURE

UL Style 3311 at 90°C

UL Style 3279 at 105°C

Cobra Part Number	Size	Stranding	Insulation Thickness	Nominal OD	UL Style	CSA	AMPS		Cable Weight LBS/MFT
	AWG		Mils	IN			*90°C	**105°C	
C9908B	8	133 X 29	0.060	0.29	UL 3311 & UL 3279	CL 905	83	92	84
C9906B	6	259 X 30	0.080	0.375	UL 3311 & UL 3279	CL 905	105	118	136
C9904B	4	420 X 30	0.080	0.43	UL 3311 & UL 3279	CL 905	140	157	189
C9902B	2	665 X 30	0.080	0.495	UL 3311 & UL 3279	CL 905	190	213	288
C9901B	1	836 X 30	0.095	0.565	UL 3311 & UL 3279	CL 905	220	246	348
C9910B	1/0	1064 X 30	0.095	0.615	UL 3311 & UL 3279	CL 905	260	291	444
C9920B	2/0	1330 X 30	0.095	0.664	UL 3311 & UL 3279	CL 905	300	336	551
C9930B	3/0	1672 X 30	0.095	0.719	UL 3311 & UL 3279	CL 905	350	392	663
C9940B	4/0	2109 X 30	0.095	0.785	UL 3311 & UL 3279	CL 905	405	454	820
C4925B	250 MCM	2451 X 30	0.095	0.806	UL 3311 only	CL 905	455	510	970

\*Allowable Ampacities of Single Insulated Conductors, per NEC table 310-17 Cable manufactured in accordance with Federal EPA Rule, Title 40-part 82, (ODC's)

\*\*The 105°C cable ampacities are adapted from ICEA P-54-440/NEMA WC51- 1986(R1991). The ampacities are provided for informational purposes only. Acceptance of these values by any governing authority is the responsibility of the end user. Ampacities are based on a single conductor, in free air, at 30°C ambient air temperature.

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