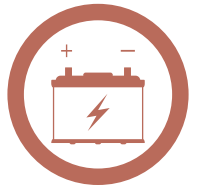


# Cobra Wire Battery Systems Cable®



UL 3311

ZERO-HALOGEN

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Print  
Legend

COBRA WIRE & CABLE AWG SIZE E NUMBER RU  
AWM 3311 90°C OR 3279 105°C 600V VW-1 CSA  
NUMBER CL905 90°C 600V RoHS COMPLIANT



## 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, welding cable, motor leads, and other DC power applications including the internal wiring of appliances and uninterruptible power supply systems. This cable is acid resistant and certified zero-halogen.

## STRANDING

Class K Bare Copper

## STANDARD

UL 3311 & 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  
VW-1



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**cobra**  
**WIRE & CABLE**  
A DIVISION OF EIS, INC.

Cobra Part Number	Size	Stranding	Insulation Thickness	Nominal OD	UL Style	CSA	Amps		Cable Weight
	AWG						Mils	In	
C9908B	8	133 x 29	0.060	0.290	3311 & 3279	CL 905	83	92	84
C9906B	6	259 x 30	0.080	0.375	3311 & 3279	CL 905	105	118	136
C9904B	4	420 x 30	0.080	0.430	3311 & 3279	CL 905	140	157	189
C9902B	2	665 x 30	0.080	0.495	3311 & 3279	CL 905	190	213	288
C9901B	1	836 x 30	0.095	0.565	3311 & 3279	CL 905	220	246	348
C9910B	1/0	1064 x 30	0.095	0.615	3311 & 3279	CL 905	260	291	444
C9920B	2/0	1330 x 30	0.095	0.664	3311 & 3279	CL 905	300	336	551
C9930B	3/0	1672 x 30	0.095	0.719	3311 & 3279	CL 905	350	392	663
C9940B	4/0	2109 x 30	0.095	0.785	3311 & 3279	CL 905	405	454	820
C4925B	250 MCM	2451 x 30	0.095	0.806	3311	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.

▼ *Cobra offers flexible power cable for easier Data Center installs*



**NEED LUGS?**



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