

# CB Series Battery Jumper Plugs & Receptacles



## 2-POLE COAXIAL CONTACTS



CB11 & CB12

## 2-POLE PARALLEL CONTACTS



CBC

## PRODUCT DESCRIPTION

The Clements' *CB Series* is used to connect battery charging cables from one locomotive to another locomotive or battery charging equipment for the purpose of charging the locomotive batteries.

Clements National offers 2 versions of battery chargers to meet any locomotive platform:

2-Pole Coaxial (Cadillac *CB11* & *CB12*)

2-Pole Parallel (Cadillac *CBC*)

## FEATURES & BENEFITS

These plugs and receptacles are designed to assure trouble-free battery charging and air conditioning stand by service for railroad passenger cars.

- Corrosion resistant cast aluminum housing
- Copper alloy nickel plated contacts
- Electrical isolation between contacts & housing
- Water-resistant and watertight encapsulation
- *CBC* connectors are indexed so the battery charging cables cannot be mated in reversed position
- Failure rate of less than or equal to 0.005 failure per locomotive year (F/LY) over its lifetime
- Pin contacts are self-aligning
- All connectors are date coded & serialized

## ELECTRICAL SPECIFICATIONS

- Withstand high AC test for 1 minute of 1000 Volts AC
- Reverse polarity also available for the Cadillac *CB11* & *CB12*
- Cadillac *CBC* contact minimum current rating of 200 amperes with no more than 50 degree Celsius rise
- Cadillac *CBC* rated for: 200 Amps, 250 Volts AC (125 Volts VD) RMS




**Clements National**  
division of WINCHESTER  
ELECTRONICS


www.clementsnational.com www.winchesterelectronics.com  
General Inquiries: 708.594.5890

# CB Series Battery Chargers Part Numbers



Plug & Receptacle	Clements Part Number	Description
<p>1.5" NPT Conduit Entry</p>  <p>Plug                      Receptacle</p>	CB11FB-5100-XX	Plug, 100 Amp, 1/0 AWG, Solder
	CB11FB-5150-XX	Plug, 150 Amp, 2/0 AWG, Solder
	CB12FB-5100	Receptacle, 100 Amp, 1/0 AWG, Solder
	CB12FB-5150	Receptacle, 150 Amp, 2/0 AWG, Solder

Note: "XX" designates or represents cable OD range

Plug & Receptacle	Clements Part Number	Description
<p>2" NPT Conduit Entry</p>  <p>Plug                      Receptacle</p>	CBCR-2S	Receptacle, 150 Amp, 2/0 AWG, Solder
	CBCR-2SN	Receptacle, 150 Amp, 2/0 AWG, Crimp
	CBCP-2P	Plug, 150 Amp, 2/0 AWG, Solder
	CBCP-2PN	Plug, 150 Amp, 2/0 AWG, Crimp

Note: Both versions of the *CB Series* do not include cable. Cable assemblies are available upon request.



Interconnect Inquiries:  
**CLEMENTS NATIONAL COMPANY**

Broadview, Illinois

- Electrical Power, Control and Signal Circular Connectors
- Custom Cables, Control Panels and Other Interconnect Solutions
- ISO 9001:2008, ATEX, ICECEX, Intertek Certified
- 54,000 Sq. Ft.

USA Sales Phone: 708.594.5890

Canada Sales Phone: 905.464.1268



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