

Battery Cable Assemblies

Battery Cable Assemblies

are short runs of battery cable with both ends terminated that are used to connect one or more batteries to an electrical system. They can handle a variety of electrical connectors and when covered with protective boots, can handle just about any application. Pacer manufactures battery cable assemblies in the most common gauges, ranging from four gauge (4 AWG) to four aught (4/0 AWG). A high-quality assembly is a must in any electrical system with a harsh environment. For example, in the marine environment your batteries and cables will be exposed to vibration, moisture, corrosion, and other elemental hazards. When an assembly is built with longevity in mind, it is built to handle the harshest environmental conditions.

Construction








Type III Class K annealed finely stranded tinned copper

Proprietary insulation based around flexibility and durability

Compliances

-  UL Standard 1426 BC-5W2
-  AWM 1232/1283 (6 - 2 AWG)
-  AWM 1232/1284 (1 - 4/0 AWG)
-  CSA: TEW
-  ABYC: E-11.15
-  Coast Guard: 33 CFR part 183
-  RoHS Compliant

Resistances

-  Acid Resistant
-  Alkali Resistant
-  Oil Resistant
-  Moisture Resistant
-  Abrasion Resistant
-  Gasoline Resistant
-  Flame Resistant





ASTM B172
Class K Copper



Fully annealed
Finely stranded



Tinned copper
for resistance



Highly durable in
marine conditions



Extremely flexible
in tight spaces

Battery Cable Assembly Ordering Information:

Build the part numbers. Select (A) Cable Style, (B) Gauge Size, (C) Cable Color, (D) Boot Type, (E) Lug Type, (F) Length. All battery cable assemblies are made to order and are not refundable.

(A) Cable Style



SAE



UL

(A)	(B)
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(B) Gauge Size

6 AWG	4 AWG	2 AWG	1 AWG	1/0	2/0	3/0	4/0
(6)	(4)	(2)	(1)	(10)	(20)	(30)	(40)

(C) Cable Color

Red	Black	Yellow
(R)	(B)	(Y)

(D) Boot Type



Alternator



Marine



Straight

(A)	(M)	(S)
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(E) Lug Type



#10



1/4"



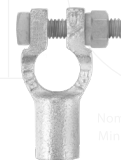
5/16"



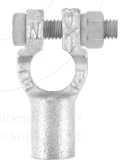
3/8"



1/2"



Positive



Negative

(10)	(14)	(56)	(38)	(12)	(P)	(N)
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(F) Length

(Length in Inches)

Additional configurations available. Call customer service for additional options.

19x100 (1st Lug) (2nd Lug)

B **2** **B** - **38** - **A** **38** - **15**

(A) Style (B) Gauge (C) Color (E) Lug (D) Boot (E) Lug (F) Length



CHARACTERISTICS (SAE):

- Conductor:** Soft Annealed Stranded Bare Copper
- Insulation:** -20°C to 105°C flexible, color coded PVC
- Voltage Rating:** 600V
- Temp. Rating:** 105°C Dry

COMPLIANCES (SAE):

- *ABYC: E-11.15
- *Coast Guard: 33 CFR part 183.430
- *SGT J1127 & J378

COMPLIANCES (CRIMPS): *Exceeds UL 486 and MIL-OT-7928

FEATURES: *Stranded, tinned copper *Tough PVC jacket *Highly flexible *Easily sealed through bulkheads

CHARACTERISTICS (SAE):

- Conductor:** Annealed Fine Stranded Tinned Copper
ASTM B172 Class K
- Insulation:** -20°C to 105°C flexible, color coded PVC
- Voltage Rating:** 600V
- Temp. Rating:** 105°C Dry, 75°C Wet 60°C Oil

- COMPLIANCES:** *UL standard 1426 BC-5W2
- *AWM 1232/1283 (2-6 AWG) *ABYC: E-11:15
 - *AWM 1232/1284 (1-4/0 AWG) *CSA: TEW
 - *Coast Guard: 33 CFR part 183 *RoHS Compliant