

Heavy-Duty Battery Connectors and Tools

Tin-Plated Straight Battery Connectors



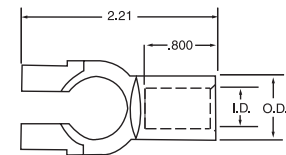
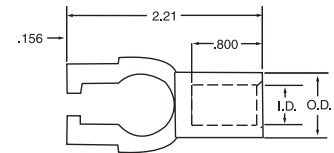
Cat. No.	BULK Cat. No.	SAE Cable Size	Description	I.D.	O.D.	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code
BAC4SUBT	BAC4SUBT-C	4 Gauge	Straight Universal	0.261	0.430	5	100	Grey
BAC2SUBT	BAC2SUBT-C	2 Gauge		0.340	0.550			Green
BAC1SUBT	BAC1SIBT-C	1 Gauge		0.340	0.550			Pink
BAC10SUBT	BAC10SUBT-C	1/0 Gauge		0.455	0.625			Black
BAC20SUBT	BAC20SUBT-C	2/0 Gauge		0.502	0.676			Orange
BAC30SUBT	BAC30SUBT-C	3/0 Gauge		0.530	0.730			Purple
BAC40SUBT	BAC40SUBT-C	4/0 Gauge	0.600	0.844	Yellow			
BAC4SPBT	BAC4SPBT-C	4 Gauge	Straight Positive	0.261	0.430			Grey
BAC4SNBT	BAC4SNBT-C		Straight Negative	0.261	0.430			Grey
BAC2SPBT	BAC2SPBT-C	2 Gauge	Straight Positive	0.340	0.550			Green
BAC2SNBT	BAC2SNBT-C		Straight Negative	0.340	0.550	Green		
BAC1SPBT	BAC1SPBT-C	1 Gauge	Straight Positive	0.340	0.550	Pink		
BAC1SNBT	BAC1SNBT-C		Straight Negative	0.340	0.550	Pink		
BAC10SPBT	BAC10SPBT-C	1/0 Gauge	Straight Positive	0.455	0.625	Black		
BAC10SNBT	BAC10SNBT-C		Straight Negative	0.455	0.625	Black		
BAC20SPBT	BAC20SPBT-C	2/0 Gauge	Straight Positive	0.502	0.676	Orange		
BAC20SNBT	BAC20SNBT-C		Straight Negative	0.502	0.676	Orange		
BAC30SPBT	BAC30SPBT-C	3/0 Gauge	Straight Positive	0.530	0.730	Purple		
BAC30SNBT	BAC30SNBT-C		Straight Negative	0.530	0.730	Purple		
BAC40SPBT	BAC40SPBT-C	4/0 Gauge	Straight Positive	0.600	0.844	Yellow		
BAC40SNBT	BAC40SNBT-C		Straight Negative	0.600	0.844	Yellow		

Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV, TBM5V, TBM8250S

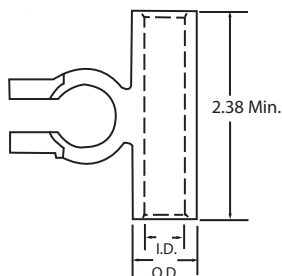


Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV, TBM5V

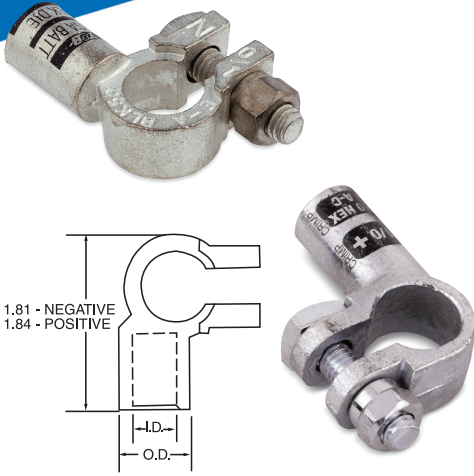


Tin-Plated Flag Battery Connectors

Cat. No.	BULK Cat. No.	SAE Cable Size	Description	I.D.	O.D.	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code
BAC10FU	BAC10FNBL	1/0 Gauge	Flag Universal	0.455	0.625	5	100	Black
BAC20FU	BAC20FNBL	2/0 Gauge		0.502	0.676			Orange
BAC30FU	BAC30FNBL	3/0 Gauge		0.530	0.730			Purple
BAC40FU	BAC40FNBL	4/0 Gauge		0.600	0.844			Yellow
BAC10FPBT	BAC10FPBT-C	1/0 Gauge	Flag Positive	0.455	0.625			Black
BAC10FNBT	BAC10FNBT-C	2/0 Gauge	Flag Negative	0.455	0.625			Black
BAC20FPBT	BAC20FPBT-C		Flag Positive	0.502	0.676			Orange
BAC20FNBT	BAC20FNBT-C	3/0 Gauge	Flag Negative	0.502	0.676			Orange
BAC30FPBT	BAC30FPBT-C		Flag Positive	0.530	0.730			Purple
BAC30FNBT	BAC30FNBT-C	4/0 Gauge	Flag Negative	0.530	0.730			Purple
BAC40FPBT	BAC40FPBT-C		Flag Positive	0.600	0.844	Yellow		
BAC40FNBT	BAC40FNBT-C	Flag Negative	0.600	0.844	Yellow			

Heavy-Duty Battery Connectors and Tools

Tin-Plated Elbow Battery Connectors



Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV, TBM5V

Cat. No.	BULK Cat. No.	SAE Cable Size	Description	I.D.	O.D.	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code
BAC10ERNBT	BAC10ERNBT-C	1/0 Gauge	Right Elbow-Negative	0.455	0.625	5	100	Black
BAC10ERPBT	BAC10ERPBT-C		Right Elbow-Positive	0.455	0.625			Orange
BAC20ERNBT	BAC20ERNBT-C	2/0 Gauge	Right Elbow-Negative	0.502	0.676			Purple
BAC20ERPBT	BAC20ERPBT-C		Right Elbow-Positive	0.502	0.676			Yellow
BAC30ERNBT	BAC30ERNBT-C	3/0 Gauge	Right Elbow-Negative	0.530	0.730			Black
BAC30ERPBT	BAC30ERPBT-C		Right Elbow-Positive	0.530	0.730			Orange
BAC40ERNBT	BAC40ERNBT-C	4/0 Gauge	Right Elbow-Negative	0.600	0.844			Purple
BAC40ERPBT	BAC40ERPBT-C		Right Elbow-Positive	0.600	0.844			Yellow
BAC10ELNBT	BAC10ELNBT-C	1/0 Gauge	Left Elbow-Negative	0.455	0.625			Black
BAC10ELPBT	BAC10ELPBT-C		Left Elbow-Positive	0.455	0.625			Orange
BAC20ELNBT	BAC20ELNBT-C	2/0 Gauge	Left Elbow-Negative	0.502	0.676			Purple
BAC20ELPBT	BAC20ELPBT-C		Left Elbow-Positive	0.502	0.676			Yellow
BAC30ELNBT	BAC30ELNBT-C	3/0 Gauge	Left Elbow-Negative	0.530	0.730			Black
BAC30ELPBT	BAC30ELPBT-C		Left Elbow-Positive	0.530	0.730			Orange
BAC40ELNBT	BAC40ELNBT-C	4/0 Gauge	Left Elbow-Negative	0.600	0.844			Purple
BAC40ELPBT	BAC40ELPBT-C		Left Elbow-Positive	0.600	0.844			Yellow

Stackable Battery Connectors — Lead-Plated



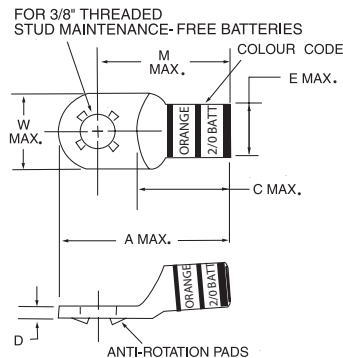
Material: High-Conductivity Copper

Finish: Lead-Plated

Installing

Tools: TBM5-SV or TBM5V

Cat. No.	BULK Cat. No.	SAE Cable Size	A ±.040	M ±.020	W ±.020	C ±.020	E ±.010	Stud Size	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code
BAC438	273-31853-1	4 Gauge	1.46 (37.0)	1.14 (29.0)	0.62 (15.6)	0.75 (19.1)	0.37 (9.3)	3/8	10	100	Grey
BAC238	273-31853-2	2 Gauge	1.78 (45.1)	1.40 (35.6)	0.68 (17.1)	0.85 (21.6)	0.47 (11.9)				Green
BAC138	273-31853-3	1 Gauge	1.88 (47.6)	1.50 (38.1)	0.75 (44.5)	0.95 (24.1)	0.52 (13.2)				Pink
BAC1038	273-31853-4	1/0 Gauge	1.93 (48.9)	1.55 (39.4)	0.83 (21.0)	1.00 (25.4)	0.57 (14.5)				Black
BAC2038	273-31853-5	2/0 Gauge	2.11 (53.6)	1.65 (41.8)	0.93 (23.6)	1.10 (27.9)	0.63 (16.1)				Orange
BAC3038	273-31853-6	3/0 Gauge	2.03 (51.4)	1.65 (41.9)	1.03 (26.0)	1.10 (27.9)	0.70 (17.8)				Purple
BAC4038	273-31853-7	4/0 Gauge	2.23 (57.8)	1.90 (48.3)	1.03 (26.0)	1.35 (34.3)	0.77 (19.5)				Yellow



Heavy-Duty Battery Connectors and Tools

Starter Lugs — Tin-Plated



Cat. No.	BULK Cat. No.	SAE Cable Size	Stud Size (in.)	A ±04	B ±02	C ±02	D ±02	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code	
BAL414	273-31852-1	4 Gauge	1/4	140	52	40	115	10	100	Grey	
BAL4516	273-31852-2		5/16	145	61	363	114			Green	
BAL438	273-31852-3		3/8	145	61	6	114			Pink	
BAL2516	—	2 Gauge	5/16	159	69	40	1258		—	Green	
BAL238	273-31852-4		3/8	178	67	55	140		100	Green	
BAL212	273-31852-5		1/2	177	76	54	140		—	Pink	
BAL1516	—	1 Gauge	5/16	183	76	49	150		—	—	Pink
BAL138	273-31852-6		3/8	185	75	55	150		100	Pink	
BAL112	273-31852-7		1/2	220	75	75	170		—	—	Black
BAL10516	—	1/0 Gauge	5/16	192	83	50	150		—	—	Black
BAL1038	273-31852-8		3/8	193	83	55	155		100	Black	
BAL1012	273-31852-9		1/2	197	88	53	153		—	—	Orange
BAL20516	—	2/0 Gauge	5/16	206	93	50	160		—	—	Orange
BAL2038	273-31852-10		3/8	211	93	55	165		100	Orange	
BAL2012	273-31852-11		1/2	211	93	55	165		—	—	Purple
BAL30516	—	3/0 Gauge	5/16	216	103	55	165	—	—	Purple	
BAL3038	273-31852-12		3/8	203	103	55	165	100	Purple		
BAL3012	273-31852-13		1/2	235	103	75	185	—	—	Yellow	
BAL40516	—	4/0 Gauge	5/16	240	113	59	184	—	—	Yellow	
BAL4038	273-31852-14		3/8	228	112	55	190	100	Yellow		
BAL4012	273-31852-15		1/2	260	112	75	210	—	—	Yellow	

Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV or TBM5V

Splices (Two-Way Connectors)



Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV or TBM5V

Cat. No.	BULK Cat. No.	SAE Cable Size	Pkg. Qty.	Bulk Pkg. Qty.	Colour Code
BAS4	273-31852-16	4 Gauge	10	100	Grey
BAS2	273-31852-17	2 Gauge			Green
BAS1	273-31852-18	1 Gauge			Pink
BAS10	273-31852-19	1/0 Gauge			Black
BAS20	273-31852-20	2/0 Gauge			Orange
BAS30	273-31852-21	3/0 Gauge			Purple
BAS40	273-31852-22	4/0 Gauge			Yellow

“Y” Splices



Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV or TBM5V

Installing

Covers: AC5X3

Cat. No.	Strip Cable Size	SAE Cable Size	Length (in.)	Colour Code
BASY20	2/0-(2)2	2/0 Gauge	3/4	Orange
BASY3	3/0-(2)1	3/0 Gauge		Purple
BASY40	4/0-(2)1/0	4/0 Gauge		Yellow



Heavy-Duty Battery Connectors and Tools

Battery/Starter Cables

Abrasion-resistant and engineered for optimum performance at both high and low temperatures

- Fine flexible copper rope stranding PVC jacket conforms to SAE J1127 specifications
- Layer of paper separates insulation from copper, providing easy stripping with no stranding damage
- Temperature-rated for 80°C
- Flexibility ideal for tight spaces and cold environments
- Color-Keyed® markings for fast and accurate identification
- Marked in 1-ft. increments for easy measurement
- Available in red or black jacket colour

Material: High-Conductivity Copper

Finish: Electro-Tin Plated

Installing

Tools: TBM5-SV or TBM5V

Cat. No.	Strip Cable Size	Cable Length	Cable Colour
BC4-100	4 Gauge	100 ft. Coil	Black
BC2-100	2 Gauge		
BC1-100	1 Gauge		
BC10-100	1/0 Gauge		
BC20-100	2/0 Gauge		
BC30-100	3/0 Gauge		
BC40-100	4/0 Gauge		
BC4-1000	4 Gauge	1000 ft. Coil	Red
BC2-500	2 Gauge	500 ft. Coil	
BC1-500	1 Gauge		
BC10-500	1/0 Gauge		
BC20-500	2/0 Gauge		
BC30-500	3/0 Gauge		
BC40-500	4/0 Gauge		
BC4-1000R	4 Gauge		
BC2-500R	2 Gauge	500 ft. Coil	
BC1-500R	1 Gauge		
BC10-500R	1/0 Gauge		
BC20-500R	2/0 Gauge		
BC30-500R	3/0 Gauge		
BC40-500R	4/0 Gauge		

Cat. No.	Strip Cable Size	Cable Length	Cable Colour
BC4-25	4 Gauge	25 ft. Coil	Black
BC2-25	2 Gauge		
BC1-25	1 Gauge		
BC10-25	1/0 Gauge		
BC20-25	2/0 Gauge		
BC30-25	3/0 Gauge		
BC40-25	4/0 Gauge		
BC4-25R	4 Gauge		
BC2-25R	2 Gauge		
BC1-25R	1 Gauge		
BC10-25R	1/0 Gauge		
BC20-25R	2/0 Gauge		
BC30-25R	3/0 Gauge		
BC40-25R	4/0 Gauge		

Heavy-Duty Battery Cable

Specially designed for demanding industrial and OEM requirements

- 105°C Temperature-rated and UL recognized
- Heavier PVC jacket conforms to SAE J1127 specifications
- Color-Keyed® markings for fast and accurate identification
- Marked in 1-ft. increments for easy measurement
- Layer of paper separates insulation from copper for easy stripping with no strand damage
- 600 V rated available in bulk only
- Application-specific – To order, contact your Regional Sales offices



Heavy-Duty Battery Connectors and Tools

BCT840, BCT840S



TBM5-SV, TBM5V



Contact Tool Service for replacement blades.



Crimping Tools

Cat. No.	Description
BCT840 BCT840S	<ul style="list-style-type: none"> Adjustable die crimping tools for Color-Keyed® cast and tubular connectors The single die is an integral part of the tool; no dies to lose or misplace Available with Shure Stake® mechanism to insure a complete crimp every time (BCT840S) Crimp casting and tubular connectors ranging from #4 AWG to 4/0 AWG.
TBM5V	<ul style="list-style-type: none"> Heavy-Duty crimping tool including dies for #8 AWG–4/0 battery connectors, lugs and splices
TBM5-SV	<ul style="list-style-type: none"> Available with Shure Stake® mechanism to insure a complete crimp every time (TBM5S)

Cable Cutter

Cat. No.	Description
364RF	<ul style="list-style-type: none"> Cuts cable up to 500 kcmil Fiberglass handles and carbon steel blades For copper and aluminum cable only

Cable Stripper

Cat. No.	Description
BCS8-40	<ul style="list-style-type: none"> Cable stripper for cable #8 AWG–4/0 battery cable Replacement blade provided in the handle