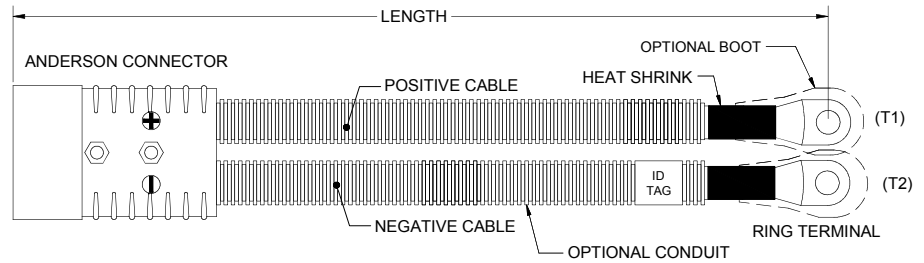


## APPLICATION:

- Quick connect/disconnect for power distribution
- Forklift
- Material handling
- Battery connections



## TECHNICAL SPECIFICATIONS

### CABLE TYPE:

CABLE	CONDUCTOR	SPECIFICATION	MIN	MAX	INSULATION	FLEXIBILITY	ABRASION
SGX	SAE COPPER	SAE 1127	-40 C	125 C	XLPE	GOOD	BEST
SGR	SAE COPPER	SAE 1127	-40 C	105 C	EPDM	BEST	BETTER
WELDING	SAE COPPER	SAE 1127	-50 C	105 C	EPDM	BEST	GOOD
MARINE	UL TINNED COPPER	BC5W2, UL	-50 C	105 C	PVC	BEST	GOOD
UL 3311/3279	UL COPPER	UL 3311/3279	-50 C	105 C	EPDM	BETTER	BETTER

- Used for Battery Cable applications for all major OEMs
- Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil and transmission fluid

### SB 2 POLE CONNECTORS

- Silver plated contacts
- Quick connect / disconnect capabilities
- Gray 36V housing
- SB50 used for 6 gauge
- SB175 used for 4 gauge-1/0
- SB350 used for 2/0-4/0

### RING TERMINALS

- Annealed copper per ASTM B-152 or ASTM B-75 with tin plating to ASTM B-545 finish specification
- Closed Barrel design

### HEAT SLEEVE FOR TERMINALS

- Applied to all ring terminals for added corrosion protection to the termination
- Adhesive lined, Flexible Polyolefin rated to 110 C
- UL and CSA Recognized
- Color matches wire color

### PROTECTIVE BOOTS

- Protect against accidental contact with battery or ring terminals
- Protects terminal from dirt, debris and other foreign objects
- Made from PVC rated to 105 C
- UL 94 V2 rated

### WIRE PROTECTION

- Nylon rated from -40°C to 150°C
- Excellent abrasion characteristics and excellent resistance to automotive fluids
- UL-94 HB and FMVSS302 Flammability Rating
- Provides additional abrasion resistance and protection to the wire
- Color matches wire color

### DON'T SEE WHAT YOU NEED?

Contact us directly for additional customized solutions.

- Phone: 717 336-5575



# SB CONNECTOR POWER CABLES

## CREATE YOUR CABLE IN 5 STEPS



### BUILD YOUR PART NUMBER:

Make your selection (options in **BLACK**) and use corresponding part ID (in **RED**) to form your custom cable part number.

#### 1. CABLE

TYPE		GAUGE		TYPE	
ANDERSON SB CONNECTOR	A	4/0	1	SGR	1
		3/0	2	SGX	2
		2/0	3	WELDING	3
		1/0	4	MARINE	4
		1	5	UL 3311/3279	5
		2	6		
		4	7		
		6	8		

#### 2. POSITIVE LEG RING TERMINAL (T1)

TYPE	STUD SIZE		BOOT	
T	BLUNT CUT - NO TERMINAL	0	NO	0
	3/16" (5 MM)	1	YES	1
	1/4" (6 MM)	2		
	5/16" (8MM)	3		
	3/8" (10 MM)	4		
	1/2" (12 MM)	5		
	45° BEND - 3/8" (10 MM)	6		
	90° BEND - 3/8" (10 MM)	7		
	45° BEND - 1/2" (12 MM)	8		
	90° BEND - 1/2" (12 MM)	9		

#### 3. NEGATIVE LEG RING TERMINAL (T2)

TYPE	STUD SIZE		BOOT	
T	BLUNT CUT - NO TERMINAL	0	NO	0
	3/16" (5 MM)	1	YES	1
	1/4" (6 MM)	2		
	5/16" (8MM)	3		
	3/8" (10 MM)	4		
	1/2" (12 MM)	5		
	45° BEND - 3/8" (10 MM)	6		
	90° BEND - 3/8" (10 MM)	7		
	45° BEND - 1/2" (12 MM)	8		
	90° BEND - 1/2" (12 MM)	9		

#### 4. CABLE PROTECTION

##### CONDUIT

NOT PROTECTED WITH CONDUIT	N
PROTECTED WITH CONDUIT	P

#### 5. CABLE LENGTH

##### LENGTH\*

LENGTH (IN)	#
-------------	---

\*Cable Length is measured from back edge of connector to center of terminals

\*Select 2" increments up to 30", 6" increments >30"

ENTER PART NUMBER HERE:

A

T

T

CABLE

TERMINAL #1

TERMINAL #2

CABLE PROTECTION

LENGTH

##### KALAS HEADQUARTERS

167 Greenfield Road  
Lancaster, PA 17601

##### KALAS LOS ANGELES

28365 Constellation Road,  
Unit B  
Valencia, CA 91355

##### KALASWIRE.COM

P 717 336-5575  
F 717 945-1002

##### MADE IN USA

TS 16949 CERTIFIED  
ISO 9001: 2008 CERTIFIED  
ISO 14001: 2004 CERTIFIED