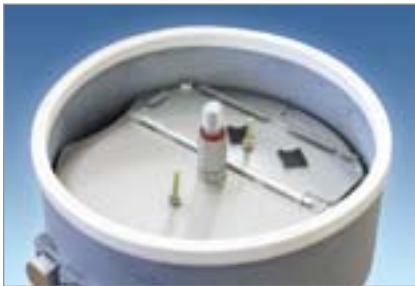




SB01-72 / SB01-144



SB01 with 12 splice capacity tray



SB01 with 72 splice capacity tray

SB01 Splice Box Enclosure

ACA Conductor Accessories' splice box enclosure provides protection from all types of elements. From weather to bullets, the iron and steel construction requires no additional protective covering. Furnished with four plugged cable ports (2 aluminum and 2 plastic) for either All-Dielectric Self-Supporting (ADSS) or Optical Ground Wire (OPGW) cables, the splice enclosure can be pre-mounted to a structure before completion of the splicing phase.

With an internal capacity to store approximately 25 feet of buffer tube, the closure is more cost-effective, eliminating the need for an external coil storage bracket (with exception to stainless steel tube optical ground wire designs). The 72-fiber circular fiber tray, constructed of high impact-resistant Lexan®, enables management of up to 144 fibers. The tray's black base and clear lid enable easy accessibility.

Ideal for electric utilities and optical cable installers, the splice enclosure is versatile and cost-effective for new and existing installations.

Features

- Up to 144-fiber splice capacity, depending on cable design
- Customizable kit with no special re-entry kits required
- Splice tray constructed of high impact-resistant Lexan®
- Manufactured of iron and steel; bullet-resistant
- Pre-mountable enabling easy re-entry and access

Ordering Instructions – Step 1

PART NO.	DESCRIPTION
SB01	Splice Box Enclosure including one splice tray for 12 single fused fiber capacity, sealant, organizer tray for additional trays.
SB01-72	Splice Box Enclosure including one splice tray for 72 single fused fiber capacity. Protection sleeves not included.
SB01-144	Splice Box Enclosure including two splice trays for 72 single fused fiber capacity, a total of 144 splices. Protection sleeves not included.

Cable connector kits required to complete installation are sold separately. Refer to "Ordering Instructions" Steps 2 and 3 on the following pages to complete your order.

Ordering Instructions – Step 2

CONNECTOR KIT	APPLICATION
OCK	Optical Ground Wire
ACK	All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable
LCK	Loose Tube Fiber Optic Cable

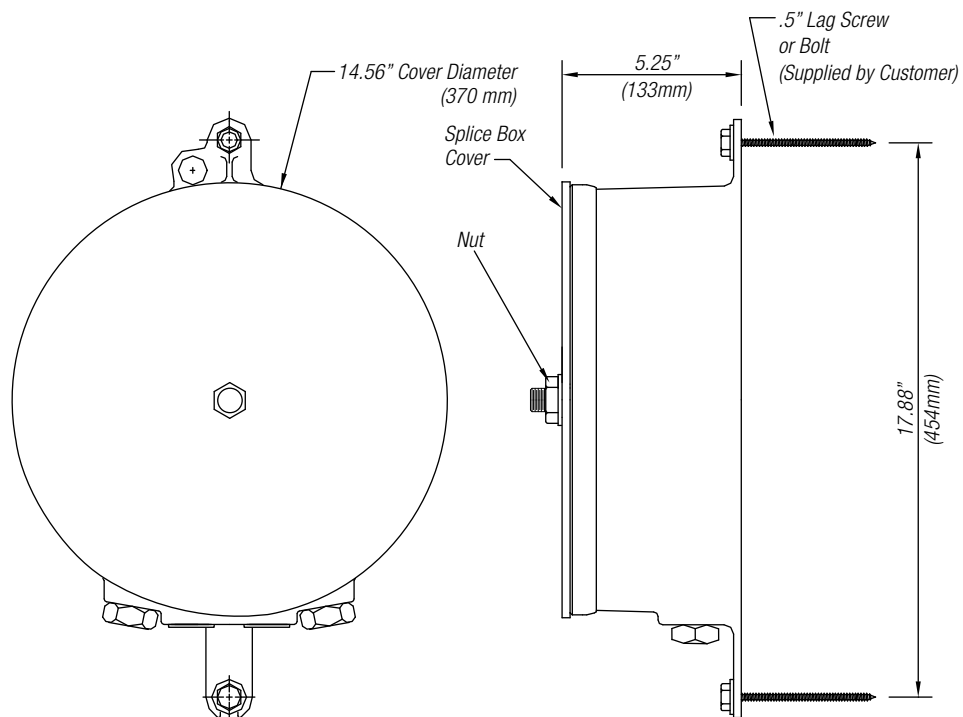
Refer to page on connector kits for part number set-up.

SB01 Splice Box Enclosure

Specifications

PARAMETER	VALUE
Maximum Tray Capacity (depending on tray type)	4 ST1 Trays or 2 ST72 Trays
Maximum Fiber Count (depending on tray type)	48 with ST1; 144 with (2) ST72
Weight	52 lbs. (23.57 kg)
Diameter	14.56 in. (370 mm)
Height (with cover)	5.25 in (133.35 mm)
Mounting Distance (hole to hole)	17.88 in (454.15 mm)

Dimensions



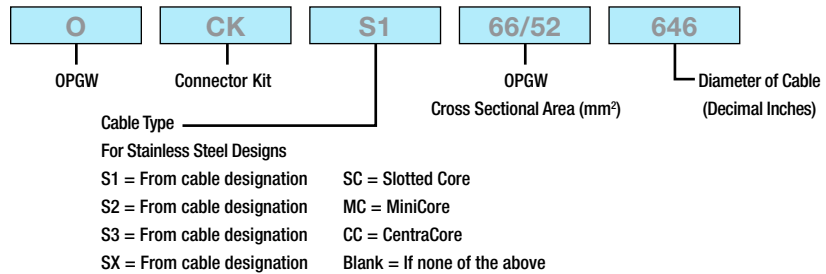
NOTE: Banding and steel tower adapters are available in lieu of bolts.

SB01 Splice Box Enclosure Connector Kits



Optical Ground Wire Connector Kit

Connector Kit: Optical Ground Wire

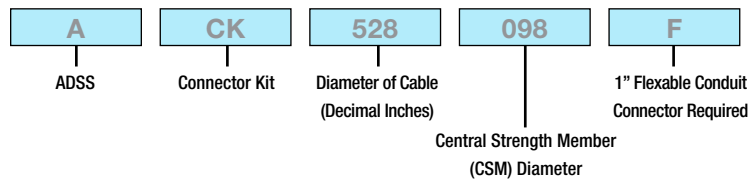


Ordering Example: For 0.646" diameter S1-66/52/646, the part number is OCKS166/52646.



All-Dielectric Self-Supporting Connector Kit

Connector Kit: All-Dielectric Self-Supporting Fiber Optic Cable

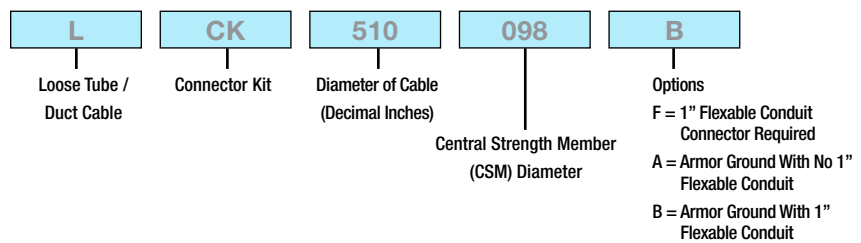


Ordering Example: For 0.528" diameter ADSS with .098" central strength member, the part number is ACK528098.



Armored Loose Tube Connector Kit

Connector Kit: Loose Tube Fiber Optic Cable



Ordering Example: For 0.510" armored loose tube (duct) cable with 0.098" diameter central strength member, flexible conduit and armor ground connections, the part number is LCK510098B.

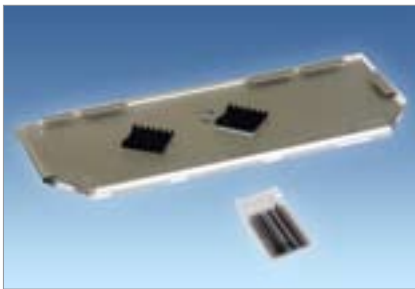
NOTE: Where the SB01 is used with cable manufactured by a vendor other than AFL Telecommunications, please contact the ACA Conductor Accessories Technical Support Team at 800.866.7385.

SB01 Splice Box Enclosure

Ordering Instruction – Step 3

The SB01 comes with accessories for 12 fiber splicing. Where more than 12 fibers will be spliced, add to your order the following accessories by part number and quantity accordingly.

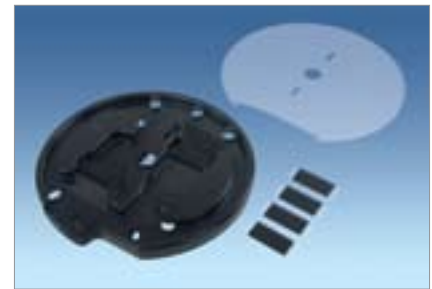
PART NO.	DESCRIPTION
ST1	Splice Tray 12 single fused fiber capacity, including 13 splice protection sleeves
ST72	Splice Tray 72 single fused fiber capacity; protection sleeves not included
TT1	Transition Tray To be used for stainless steel tube optical ground wire designs. Not necessary for AlumaCore optical ground wire designs. One tray holds 48 fibers. Not required for ST72 tray.
SB01FK	Furcation Kit To be used for stainless steel designs where fiber must be separated into groups. One kit required for each fiber carrying steel tube (maximum 48 fibers per tube).
CB-44	External Coil Bracket Used to store extra length of optical ground wire cable



ST1 – Splice Tray



TT1 – Transition Tray



ST72 – Splice Tray



SB01FK – Furcation Kit



CB-44 External Coil Bracket