

FIBERLIGN® Fiber Safe

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The **FIBERLIGN® Fiber Safe** is designed for protecting underground, buried and aerial fiber optic splices. More versatile and flexible than other fiber optic closures, the FIBERLIGN Fiber Safe incorporates a closure within a closure for double protection. Re-entable encapsulant fills the void between the inner closure and outer Splice Case assembly to provide an additional barrier against moisture. The FIBERLIGN Fiber Safe is easily re-entable. The closure is filled and refilled through an exterior port in the Splice Case.

Features

- Butt splice applications utilize a preassembled 6.5" (165 mm) End Plate and a variety of cable entry End Plates.
- In-line configurations are designed with two 6.5" (165 mm) Three-Section End Plates.
- A variety of cable entry End Plates are available which provide simple cable entry for both initial construction and future entry.
- Accommodates 6 splice trays holding 12 or 18 splices per tray.
- An expanded capacity closure is available for butt splice applications with utilizes up to 6 splice trays holding 24 splices per tray.
- Splice Trays are available for both fusions and mechanical splices.
- Vertical file system allows trays to be individually removed, easily reworked and securely repositioned.
- Provisions are made for expressing uncut fibers through the inner closure.
- Utilizes our easy-to-use LOCKBAR Fastening System on both the Splice Case and inner closure assembly.
- An innovative collar attaches to the End Plate inside the closure which provides an additional watertight seal and acts as a substrate to which resin will bond.

Documentation

Application Procedures

[SP-2683 \(Fiberlign Fiber Safe\)](#)

Catalog Pages

[Fiberlign Fiber Safe - Catalog](#)

MSDS Sheets

[C-Cement Tube - MSDS](#)

[C-Cement Can - MSDS](#)

[Re-Enterable Encapsulant Part A - MSDS](#)

[Re-Enterable Encapsulant Part B - MSDS](#)

Part Tables

FIBERLIGN Fiber Safe	
Catalog Number	Description (mm)
8001003	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: One Two-Section End Plate and one Three-Section End Plate.
8001002	6.5" x 38" (165 x 965) FIBERLIGN Fiber Safe for in-line splice applications. Includes: Two Three-Section End Plates.
8001001	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: One Two-Section End Plate and one Three-Section End Plate and one Fiber Optic Splice Tray with cover (8001021).
8001004	6.5" x 38" (165 x 965) FIBERLIGN Fiber Safe for butt splice applications. (Up to 144 Splices) Includes: One Two-Section End Plate and one Three-Section End Plate.
8001005	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: One Two-Section End Plate, one Three-Section End Plate and RUS listed shield connectors. (RUS LISTED)
8001006	6.5" x 38" (165 x 965) FIBERLIGN Fiber Safe for in-line splice applications. Includes: Two Three-Section End Plates, and RUS listed shield connectors. (RUS LISTED)
8001007	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: One Two-Section End Plate and one Three-Section End Plate with two factory-installed inserts (cables up to 0.8" diameter) for future entry.
8001008	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: Two Two-Section End Plates; one blank and one with four factory-installed inserts (cables up to 0.8" [20 mm] diameter).
8001010	6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe for butt splice applications. Includes: One Two-Section End Plate, one Three-Section End Plate and RUS listed shield connectors. (RUS LISTED Flame Retardant End Plates)

Accessories

Splice Trays for all except 8001004

Catalog Number	Splice Type for:	No. of Splice Trays	Splice Tray Capacity	
8001021	Protected Fusion Amp Optimate Norland	6	12	S
8001044		6	18	S
8001096		6	18	A
8001109*		6	18	A
8001024	Unprotected Fusion	6	12	S
8001041	3M Fibrlok Amp FingerSplice	6	12	S
8001098	Siecor CamSplice Northern Telecom Lightbridge	6	12	A

(A) signifies ADOBE™ Splice Tray.

(S) signifies a standard size thermal-formed splice tray.

* ADOBE™ Splice Tray with Felt.

Splice Trays for 8001004

Catalog Number	Splice Type for:	No. of Splice Trays	Splice Tray Capacity	
8001028	Protected Fusion Amp Optimate Norland	6	24	S
8001026	AT&T Rotary AT&T LightSplice	6	24	S
8001052	3M Fibrlok Amp FingerSplice Siecor CamSplice Northern Telecom Lightbridge	6	24	S

(S) signifies a standard size thermal-formed splice tray

Encapsulant

Encapsulant Ordering Chart				
FIBERLIGN Fiber Safe Catalog Number	Type of Splice	Protective Collar Encapsulant		FIBERLIGN Fiber Safe Encapsulant
		Re-enterable	Non Re-enterable	
8001001 8001003 8001005 8001007 8001008	Butt	80803316	8000310	80802829
8001004	Butt	80803316	8000310	80802826
8001002 8001006	In-line	80803316 (2 kits)	8000310 (2 kits)	80802826

C-Cement

C-CEMENT		
C-Cement	80805238	1 oz. tube
C-Cement	80802377	4 oz. can

Other Accessories

FIBERLIGN Fiber Safe (mm)	
Catalog Number	Encapsulant Description
8000310	8 oz. Resin Kit (non-re-enterable) for filling cup.
80803316	300 Gram Kit RD Encapsulant (re-enterable) for filling cup.
80802829	5500 Gram Kit RD Encapsulant (re-enterable) for filling 8001003, 8001001, 8001005, 8001007 or 8001008 FIBERLIGN Fiber Safe.
80802826	8000 Gram Kit RD Encapsulant (re-enterable) for filling 8001002, 8001004, or 8001006 FIBERLIGN Fiber Safe.
Catalog Number	Replacement Parts Description
80803149	One Two-Section End Plate with protective collar assembly for cable blocking.
80803148	One Three-Section End Plate with protective collar assembly for cable blocking.
80803695	One Three-Section End Plate with two factory-installed ports (for future cable entry, for cables up to 0.8" [20] in diameter), four bonding/grounding inserts, four modified brackets for cable shield isolation/strength member tie-off, and protective collar assembly for cable blocking. Designed for two field-drilled cable holes.
80803668	One Two-Section End Plate with four factory-installed ports (for future cable entry, for cables up to 0.8" [20] in diameter), four bonding/grounding inserts, four modified brackets for cable shield isolation/strength member tie-off, and protective collar assembly for cable blocking. No room for field-drilled cable holes.
8001032	Re-entry kit for 6.5" x 28" (165 x 711) FIBERLIGN Fiber Safe. Includes: Gaskets for collars and inner closure and a replacement flange clamp assembly.
8001033	Re-entry kit for 6.5" x 38" (165 x 965) FIBERLIGN Fiber Safe. Includes: Gaskets for collars and inner closure and a replacement flange clamp assembly.