

CraftSmart® Splice Closure (CSC)



Application

A critical component in any fiber network, the CraftSmart Splice Closure (CSC) is a protective housing that stores and organizes single-fiber splices or mass fusion splices in various capacities while also supporting many different types of cables or drops. The CSC provides environmental and mechanical protection in any uncontrolled environment including aerial, underground, and direct buried (up to 5 meters deep) deployments. CSC closures support mid-spanning, distributed split and other direct splice fiber distribution methods.

Description

The CraftSmart Splice Closure (CSC) is a versatile, environmentally sealed splice closure offered in three different sizes (250, 500, 750). Closures are environmentally sealed providing robust protection for fiber terminations. All closure sizes are offered with multiple cable entry options. The 250 enclosure accepts two gel blocks that can support between 2-24 cables per entry port depending on cable and gel block type. The 500 and 750 enclosures accept three gel blocks that also support 2-24 cables per entry port depending on cable type and gel block type. Accessories including the intuitive splice trays and the pre-installed flex basket allow for scalable density and thoughtful fiber management. Additional components provided with each enclosure include the Multi-Cable Insert Kit, Strength Member Brackets, Hose Clamps and the Closure Multi-Tool.



Features and Benefits

Integrity

- Fully sealed enclosure designed to protect fiber terminations.
- Treated polymer material tested for fire retardant properties.
- Suitable for any deployment conditions (aerial, underground or direct bury).



Single Fusion Short Tray



Mass Fusion Tall Tray

Protection

- Robust, flexible cable entrance sealing method using gel blocks.
- Splice trays designed to protect splices and accommodate proper bend radius for in-tray fiber routing.
- Tested and certified for compliance to GR-771, IP68 and RoHS standards.

Access

- Utilizes intuitive locking clamp for easy technician access while maintaining proper sealing when clamped on o-ring.
- Included closure multi-tool makes for easy removal of splice trays and acts as a support for trays in the vertical position, creating easy access for trays underneath (shown below).
- Bench clamp fixture accessory attaches directly to a work table and is offered in one size with an insert which supports all three closure sizes, making it easier for technicians to splice utilizing the stable base.
- Optional mounting kits, including (1) aerial strand and (1) pole, compatible across the closure line



Optional Bench Clamp and Adapter



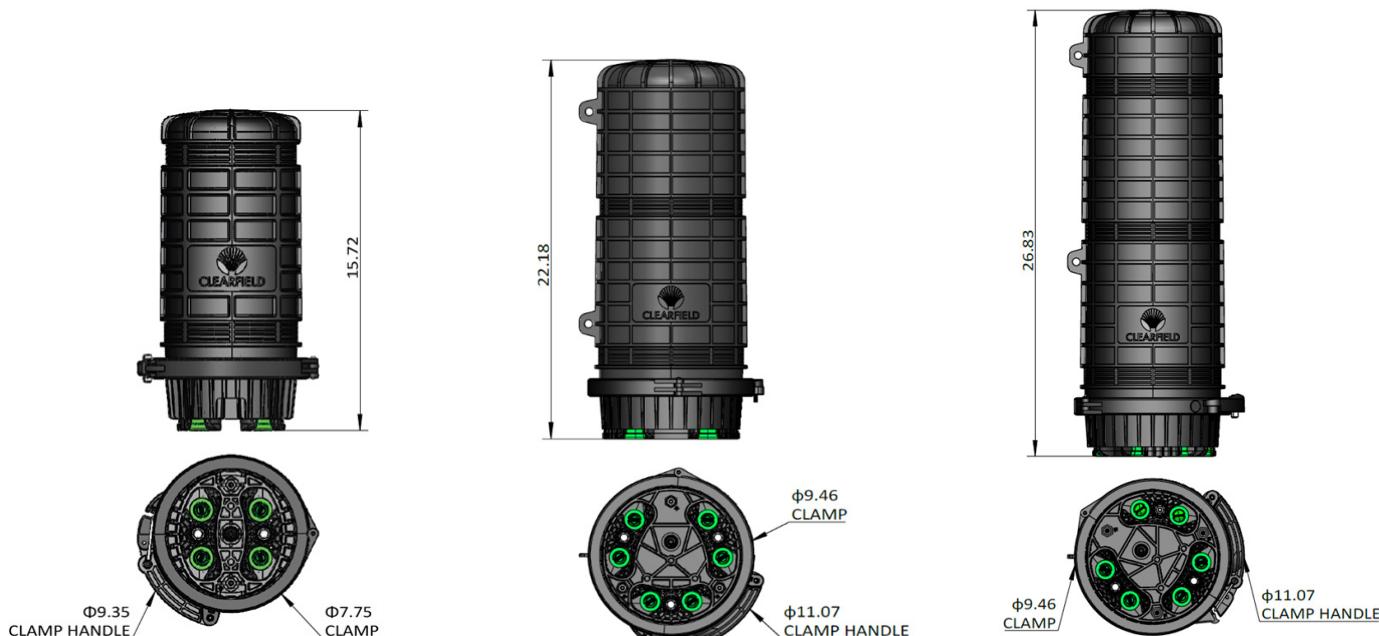
Included Multi-Tool

CraftSmart® Splice Closure (CSC)



Technical Specifications

Splice Case (CSC)						
Size	250 Closure		500 Closure		750 Closure	
Dimensions	15.72" L x 9.35" (includes clamp handle)		22.18" L x 11.07" (includes clamp handle)		26.83" L x 11.07" (includes clamp handle)	
Mounting Options	Pole Mount, Aerial Strand Mount		Pole Mount, Aerial Strand Mount		Pole Mount, Aerial Strand Mount	
Maximum Splice Trays Supported	Without Flex Basket - 6 Short Trays or 4 Tall Trays With Flex Basket - 4 Short Trays or 3 Tall Trays		Without Flex Basket - 8 Short Trays or 6 Tall Trays With Flex Basket - 6 Short Trays or 4 Tall Trays		Without Flex Basket - 8 Short Trays or 6 Tall Trays With Flex Basket - 6 Short Trays or 4 Tall Trays	
Splice Capacity	Single Splice <u>Short Tray:</u> W/ Flex Basket - 96 No Flex Basket - 144 <u>Tall Tray:</u> W/ Flex Basket - 72 No Flex Basket - 96	Ribbon Splice <u>Short Tray:</u> W/ Flex Basket - 288 No Flex Basket - 432 <u>Tall Tray:</u> W/ Flex Basket - 216 No Flex Basket - 288	Single Splice <u>Short Tray:</u> W/ Flex Basket - 288 No Flex Basket - 384 <u>Tall Tray:</u> W/ Flex Basket - 192 No Flex Basket - 288	Ribbon Splice <u>Short Tray:</u> W/ Flex Basket - 864 No Flex Basket - 1152 <u>Tall Tray:</u> W/ Flex Basket - 576 No Flex Basket - 864	Single Splice <u>Short Tray:</u> W/ Flex Basket - 432 No Flex Basket - 576 <u>Tall Tray:</u> W/ Flex Basket - 288 No Flex Basket - 432	Ribbon Splice <u>Short Tray:</u> W/ Flex Basket - 1728 No Flex Basket - 2304 <u>Tall Tray:</u> W/ Flex Basket - 1125 No Flex Basket - 1728
Cable Entry	With 2-Port Gel Blocks (Red): Supports up to 16 cables (utilizing Multi-Cable Inserts) With Drop Gel Blocks (Blue): Supports up to 48 drop cables (using Flat Drop Inserts)		With 2-Port Gel Blocks (Red): Supports up to 24 cables (utilizing Multi-Cable Inserts) With Drop Gel Blocks (Blue): Supports up to 72 drop cables (using Flat Drop Inserts)		With 2-Port Gel Blocks (Red): Supports up to 24 cables (utilizing Multi-Cable Inserts) With Drop Gel Block (Blue): Supports up to 72 drop cables (using Flat Drop Inserts)	



Gel Block Specifications



2-Port Gel Block Assembly



Multi Cable Insert – 2 positions (MCI 2)

Multi Cable Insert – 3 positions (MCI 3)

Multi Cable Insert – 4 positions (MCI 4)

2-Port Gel Block Cable Entry Configurations

Cable Configurations	Insert	Cable Count (Per Port)	Minimum Cable Diameter	Maximum Cable Diameter
Single	None	1	0.3 in (7.62 mm)	0.9 in (22.86 mm)
Multi	MCI 2	1-2	0.2 in (5.08 mm)	0.4 in (10.16 mm)
Multi	MCI 3	1-3	0.15 in (3.18 mm)	0.27 in (6.86 mm)
Multi	MCI 4	1-4	0.12 in (3.05 mm)	0.21 in (5.33 mm)
Multi	MCI 4	1-4 (Flat Cable)	0.12 in (3.05 mm) x 0.22 in (5.59 mm)	0.2 in (5.08 mm) x 0.32 in (8.13 mm)



Flat Drop Insert – 2 positions (FDI 2)



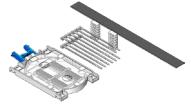
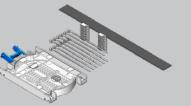
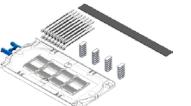
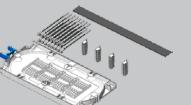
Round Drop Insert – 3 positions (RDI 3)

Drop Gel Block Assembly

Drop Gel Block Cable Entry Configurations

Cable Configurations	Insert	Cable Count (Per Port)	Minimum Cable Diameter	Maximum Cable Diameter
Single	None	1	0.3 in (7.62 mm)	0.5 in (12.7 mm)
Multi Flat	FDI 2	1-2	0.12 in (3.05 mm) x 0.22 in (5.59 mm)	0.2 in (5.08 mm) x 0.32 in (8.13 mm)
Multi Round	RDI 3	1-3	0.12 in (3.05 mm)	0.21 in (5.33 mm)

Optional Accessories

Part Number	Specification	Picture
024989	CSC 250, Short Tray Assembly, 2 Single Splice Holders installed, with Tray Hinge and 1 Ribbon Splice Holder (loose)	
024990	CSC 250, Tall Tray Assembly, 2 Ribbon Splice Holders installed, with Tray Hinge and 1 Single Splice Holder (loose)	
024994	CSC 500, Short Tray Assembly, 4 Single Splice Holders installed, with Tray Hinge and 2 Ribbon Splice Holders (loose)	
024995	CSC 500, Tall Tray Assembly, 4 Ribbon Splice Holders installed, with Tray Hinge and 2 Single Splice Holders (loose)	
025001	CSC 750, Short Tray Assembly, 6 Single Splice Holders installed, with Tray Hinge and 4 Ribbon Splice Holders (loose)	
025002	CSC 750, Tall Tray Assembly, 6 Ribbon Splice Holders installed, with Tray Hinge and 4 Single Splice Holders (loose)	

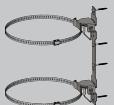
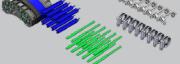
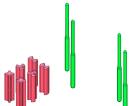


Single Fusion Short Tray



Mass Fusion Tall Tray

Optional Accessories (Continued)

Part Number	Specification	Picture
024997	CSC Red Tray Hinge Adapter. Used with 250 Trays in FOSC C or 500 Trays in COYOTE® Domes or FOSC D.	
024998	CSC Orange Tray Hinge Adapter. Used with 250 Trays in FOSC A or B or 500 Trays in FOSC B.	
024991	CSC Aerial Strand Mounting Kit. Used with any size CSC.	
024992	CSC Pole/Wall Mounting Kit. Used with any size CSC.	
024988	CSC Grounding Kit, 3 Wires	
024996	CSC Bench Clamp Fixture	
024993	CSC 250 Bench Clamp Adapter. Required if utilizing the 250 with the bench clamp fixture.	
024999	CSC Flat and/or Round Drop Gel Block, w/ Multi Drop Inserts and Cable Restraint Hardware	
025000	CSC Multi Cable Insert Kit. Used with the Standard 2-Port Red Gel Block Only.	



Aerial Strand Mount



Pole/Wall Mount

Configured Part Numbers

C S C - - F - T S - G

1 2 3 4 5

1 Select Size

250 = 250 Series
500 = 500 Series
750 = 750 Series

2 Select Gel Block Type

01 = Standard Red 2-Port Gel Blocks
02 = Standard Red 2-Port Gel Blocks and 1
 Blue Drop Gel Block
03 = Standard Red 2-Port Gel Blocks and 2
 Blue Drop Gel Blocks *Only
 Applicable to the 500 or 750 Series

3 Select Mass Fusion (Tall) Trays

0 = No Tall Trays
1 = 1 Tall Tray
2 = 2 Tall Trays
3 = 3 Tall Trays
4 = 4 Tall Trays

4 Select Single Fusion (Short) Trays

0 = No Short Trays 4 = 4 Short Trays
1 = 1 Short Tray 5 = 5 Short Trays
2 = 2 Short Trays 6 = 6 Short Trays
3 = 3 Short Trays

5 Select Ground Options

W = With Ground Wires
Z = Without Ground Wires