

# TERMINAL SPLICE CLOSURE

## FCLO-HO-01E-1-XXX-FD

### IN-LINE FIBER FLAT DROP CABLE REPAIR SPLICE CLOSURE



#### GENERAL

FUSIONGUARD® is focussed in manufacturing a complete product line of outdoor, UV rated horizontal and vertical splice closures that are resistant to water and dust and have great mechanical properties. We offer a variety of completely sealed closures for FTTH applications as well as fiber repair.

#### IP 68 RATED

<b>Solid Particle Protection IP first digit rating level: 6</b>	Totally protected against dust ingress (dust-tight).
<b>Liquid Ingress Protection IP second digit rating level: 8</b>	Protected from water ingress while immersed in deep water.

#### DESCRIPTION

The In-line fiber Flat Drop cable repair splice closure is a unique, re-enterable, re-usable, small and easy to install IP68 rated closure that offers mechanical splicing in the same closure. This product is suited for Flat Drop, standard and Rugged Flat Drop Cable (7.8 mm x 4.3 mm ± 1%(0.31 in x 0.17 in)), providing an ideal solution for fiber repair or quick fiber installation.

#### CHARACTERISTICS

- IP68 rated:
  - 6: Protected from contact with harmful dust.
  - 8: Protected from immersion in water with a depth of more than 1 meter.
- Lightweight, versatile and compact design.
- RoHS 2011/65/EU Compliant.
- UV resistant (UL 746 f1).
- Fire protecting rating (UL 94 V-0).
- Engineered material.
- Excellent safekeeping of fibers from harmful conditions such as dust, rain and foreign agents.
- In-line applications.
- Many of our splice closures are highly configurable. If you don't see what you are looking for or have questions about our ordering matrix contained on this spec sheet please e-mail us:

[info@fusionguard.com](mailto:info@fusionguard.com)

### TECHNICAL INFORMATION

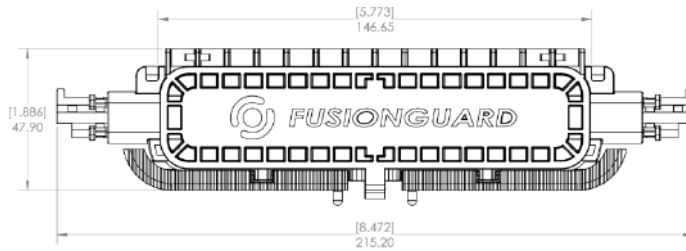
FCLO-HO-01E-1-XXXX-FD	
Ingress Protection	IP68
UV Resistant	Yes
Cable compatibles	Flat drop cable: 0.32" x 0.18" (8.0 mm x 4.5 mm). Rugged flat cable: 0.31" x 0.17" (7.8 mm x 4.3 mm).
Maximum number of fibers	1 fiber
Sealing gasket material	Engineered material
Dimensions - in (mm)	8.47"x 1.88"x 0.62" (215.2 x 47.9 x 16.0) +.15 mm / -.10mm
Operating temperature*	-40°F ~ +167°F (-40°C ~ + 75°C)
Color	Black
Approx Weight - lbs (g)	0.20 (92)
Tension**	3 lbf

\*Temperatures for operation, not for storage.

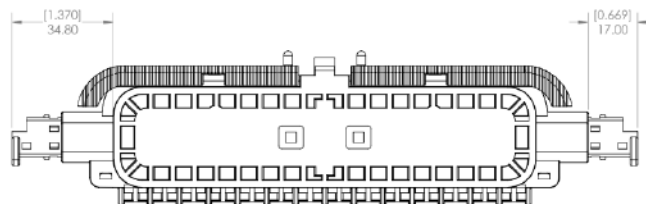
\*\*Without using clamps.

### DIMENSIONS

TOP VIEW

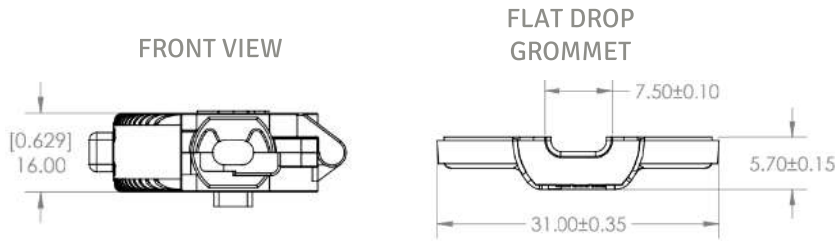


BOTTOM VIEW



Note: Dimensions have a tolerance of +.15 mm/ -.10mm

Note: Dimensions in mm [inches]



Grommet suitable for Flat Drop Cable.

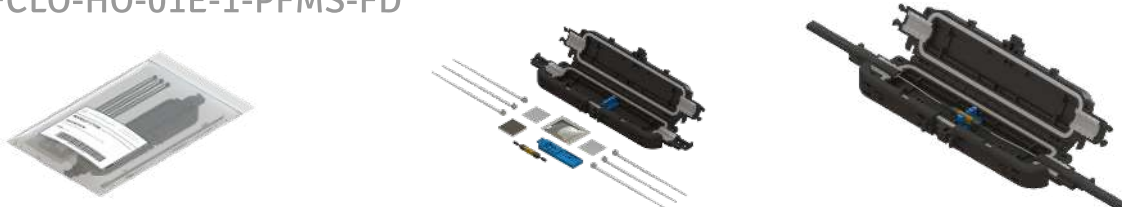
## CONFIGURATIONS

### FCLO-HO-01E-1-EMP-FD



FCLO-HO-01E-1-EMP-FD		
FCLO-HO-01E-FD	HORIZONTAL 1F SPLICE CLOSURE FD CABLE	1
EQ-10025BK	BLACK NYLON ZIP TIES UV RESISTANT	6
FCLO-CV-20MM	VULCANIZING TAPE 20 MM X 20 MM X 2 MM	2
SG-5G	SILICONE GREASE BAG 5 GR	1

### FCLO-HO-01E-1-PFMS-FD



FCLO-HO-01E-1-PFMS-FD		
FCLO-HO-01E-FD	HORIZONTAL 1F SPLICE CLOSURE FD CABLE	1
EQ-10025BK	BLACK NYLON ZIP TIES UV RESISTANT	6
FCLO-CV-20MM	VULCANIZING TAPE 20 MM X 20 MM X 2 MM	1
SG-5G	SILICONE GREASE BAG 5 GR	1
L925B-KIT	MECHANICAL SPLICE KIT	1
SSH-S4	MECHANICAL SPLICE HOLDER	1

## FCLO-HO-01E-WKIT

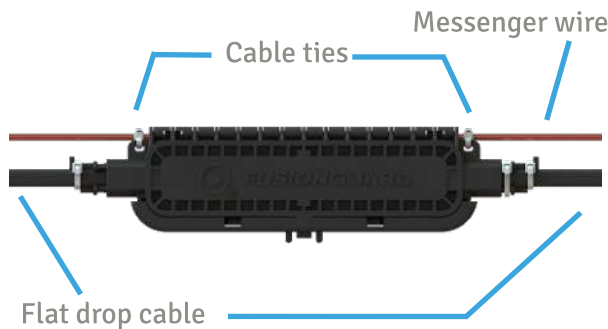


FCLO-HO-01E-WKIT		
CT-13604	8"X.18" STAINLESS STEEL CABLE TIE	1
1131314	#8 X 1 1/2" ZINC PAN PHILLIPS SHEET METAL SCREW	2
5014-PE-0000-006	CLOSURE MOUNTING BASE FCLO 1	1
PEB8-38	GREY #8 X 37.5MM WALL ANCHOR	2

Note: Kit included in each configuration. Installation tools are not included.

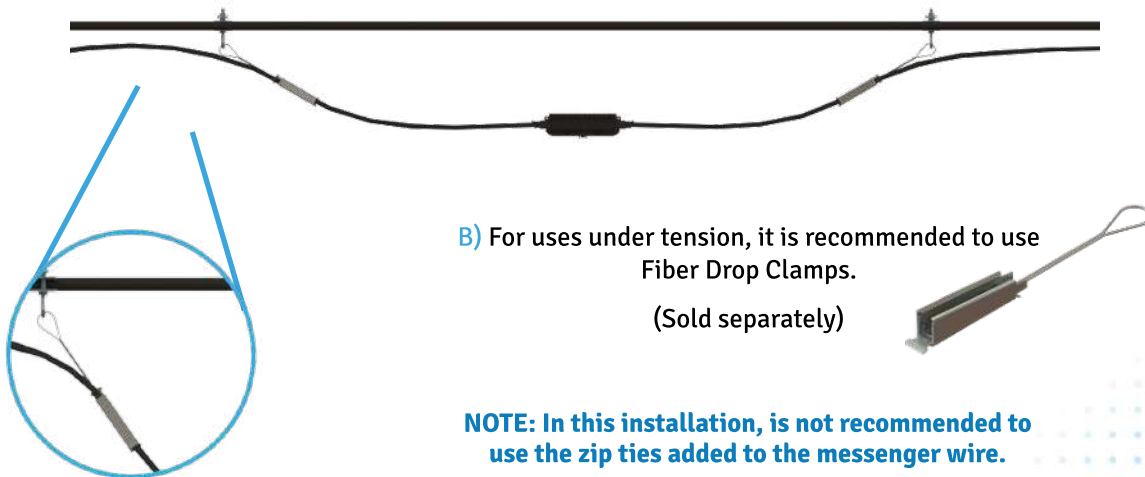
## INSTALLATION'S METHODS

### A) AERIAL INSTALLATION



A) Aerial installation can be made with the included cable ties.

### B) AERIAL INSTALLATION



B) For uses under tension, it is recommended to use Fiber Drop Clamps. (Sold separately)

**NOTE:** In this installation, is not recommended to use the zip ties added to the messenger wire.

**C) ON-FIELD APPLICATION**



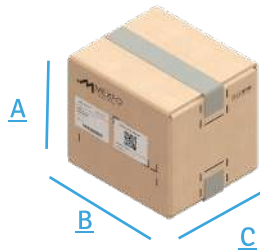
**C) Wall mount requires the wall mount kit: FCLO-HO-01E-WKIT.  
(Included in each configuration)**

**PACKAGING**

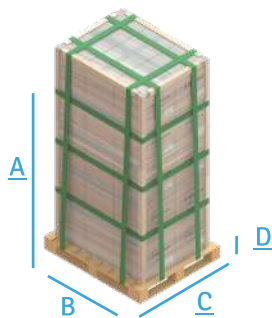
One closure and a wall mount kit per packaged in a 8" x 10" plastic bag



**MOQ's**



Qty. per box FONC02-M	A in/(mm)	B in/(mm)	C in/(mm)	Approx Weight lb/(kg)
50 pieces	11.81" (300)	9.84" (250)	9.84" (250)	10.14 (4.6)

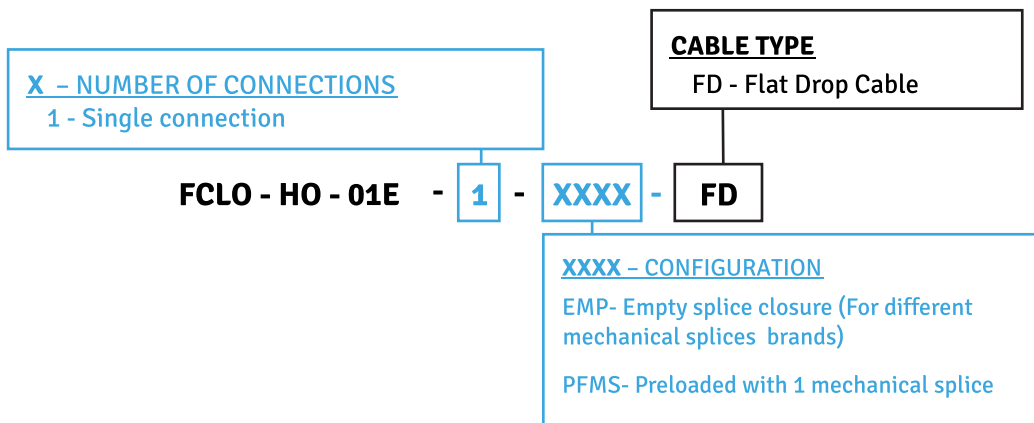


Quantity per pallet	Side A in/(mm)	Side B in/(mm)	Side C in/(mm)	Side D in/(mm)	Approx. Weight lb(kg)
3,000 pieces	82.75" (2102)	47.2" (1200)	39.4" (1000)	5.5" (140)	634.93 (288)

**LABEL SPECIFICATIONS**



**ORDERING MATRIX**



**WARNINGS**

Pre-lubricated item. Avoid leaving the splice closure open. For IP68 improvement add silicone grease at the gasket before closing it.

In case of that the splice hinges slips out of place as shown, it can be returned to its place.

Consult in: IN-LINE FIBER FLAT DROP CABLE REPAIR SPLICE CLOSURE.



## RECOMMENDATIONS

IN LINE TERMINAL SPLICE CLOSURE is designed for mechanical splices not bigger than the next measures:

