TERMINAL SPLICE CLOSURE
FCLO-HO-01E-1-PFMX-SQR
IN-LINE FIBER FTTH 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 65 RATED

Solid Particle Protection **IP first digit rating level: 6**	Totally protected against dust ingress (dust-tight).
Liquid Ingress Protection **IP second digit rating level: 5**	Protected from water jets.

DESCRIPTION

The In-line fiber FTTH cable repair splice closure is a unique, re-enterable, re-usable, small and easy to install IP68 rated closure that offers fusion splicing in the same closure. This product is suited for FTTH Drop cables (0.12 in x 0.08 in - 3 mm x 2 mm, ±1%) providing an ideal solution for fiber repair or quick fiber installation.

CHARACTERISTICS

- IP65* rated:
  - 6: Protected from contact with harmful dust.
  - 5: Protected from water jet.
    - *IP 68 will be met adding vulcanized tape (included).
- Lightweight, versatile and compact design.
- UV resistant (UL 746 C).
- 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:
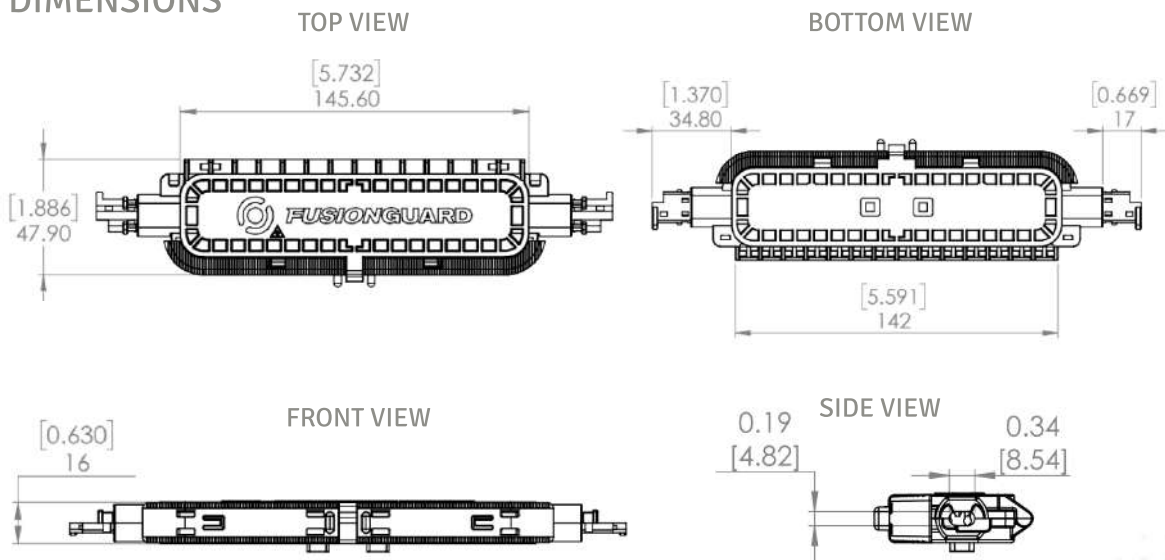
info@fusionguard.com

TECHNICAL INFORMATION

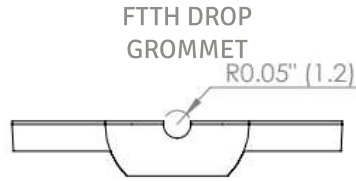| FCLO-HO-01E-1-PFMX-SQR	
Ingress Protection	IP65 (IP68 possible with vulcanized tape)
UV Resistant	Yes
Cable compatibles	0.12" x 0.08" (3 x 2)
Maximum number of fibers	1 fiber
Sealing gasket material	Engineered material
Dimensions - in (mm)	8.46" x 1.87" x 0.66" (215 x 47.5 x 16.8) ± 1%
Operating temperature	-40°F ~ +167°F (-40°C ~ + 75°C)
Color	Black
Approx Weight - lbs (g)	0.20 (92)
Tension*	3 lbf

*Without using clamps.

DIMENSIONS

TOP VIEW

[5.732]
145.60

[1.886]
47.90

BOTTOM VIEW

[1.370]
34.80

[0.669]
17

[5.591]
142

FRONT VIEW

[0.630]
16

Note: Dimensions have a tolerance of ± 1%

SIDE VIEW

0.19
[4.82]

0.34
[8.54]

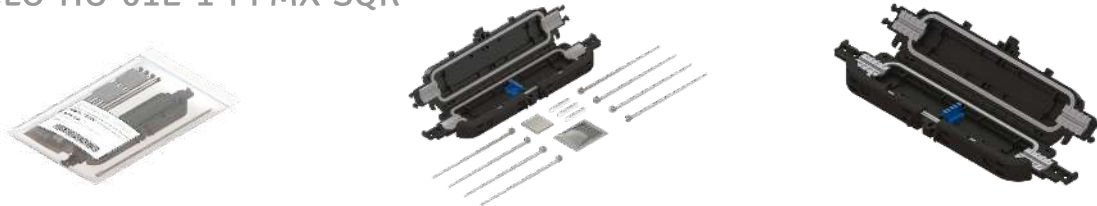Note: Dimensions in
mm [inches]

FTTH DROP
GROMMET
R0.05" (1.2)

Note: Dimensions in
mm [inches]

Note: Dimensions have a tolerance of ± 1%

CONFIGURATIONS

FCLO-HO-01E-1-PFMX-SQR

FCLO-HO-01E-1-PFMX-SQR		
FCLO-HO-01E-SQR	HORIZONTAL 1F SPLICE CLOSURE FTTH CABLE	1
FM-FO-ME-25-15	25 mm SPLICE SLEEVE WITH 1.5 mm GUIDE*	3
SSH-S4	SPLICE SLEEVE HOLDER	0.5
CN25100-NE	2.5mm x 100mm OUTDOOR PLASTIC CABLE TIE	8
FCLO-CV-20MM	VULCANIZING TAPE 20 MM X 20 MM X 2 MM	1
SG-5G	SILICONE GREASE BAG 5 GR	1

*Splice closure designed for 1 splice. Two 25 mm splice sleeve extra included (3 pcs total).
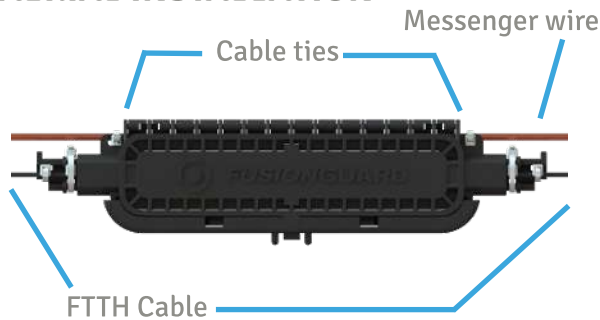
FCLO-HO-01E-WKIT

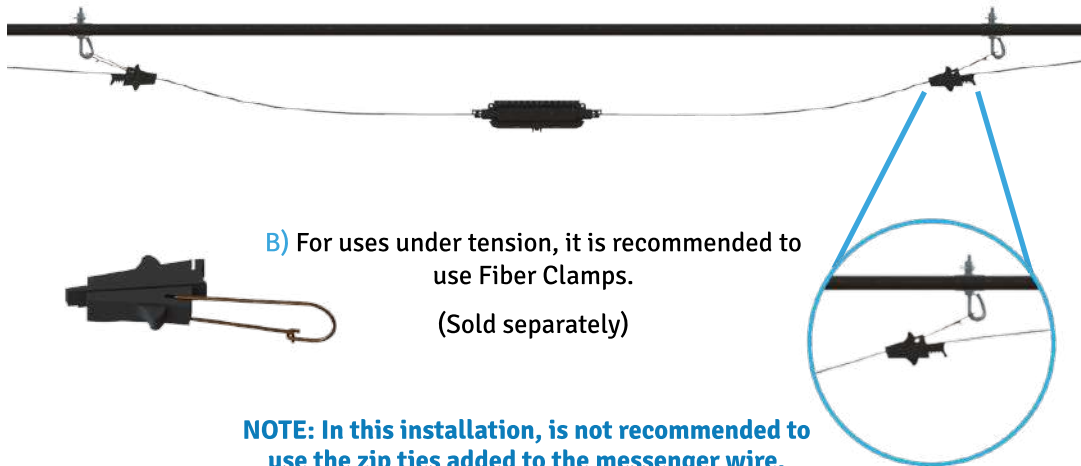| FCLO-HO-01E-WKIT		
CT-13604	8"X.18" STAINLESS STEEL CABLE TIE	1
1131314	#8 X 1 1/2" ZINC PAN PHILLIPS SHEET METAL SCREW	2
5014-PE-0000-006	CLOSURE MOUNTING BASE FCLO 1	1
PEB8-38	GREY #8 X 37.5MM WALL ANCHOR	2
Note: Kit included in each configuration. Installation tools are not included.		

FUSIONGUARD

INSTALLATION´S METHODS

A) AERIAL INSTALLATION

Messenger wire

Cable ties

FTTH Cable

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 Clamps.

(Sold separately)

NOTE: In this installation, is not recommended to use the zip ties added to the messenger wire.
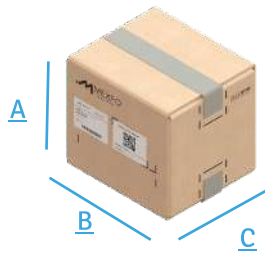
C) ON-FIELD APPLICATION

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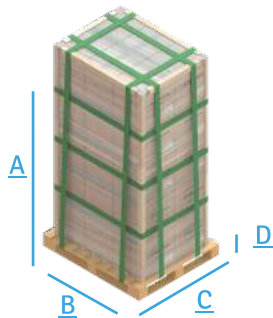
(Included in each configuration)

PACKAGING

One closure and a wall mount kit per packaged in a 6" x 9" plastic bag

MOQ´s

Qty. per box FONCS02-M	A in/(mm)	B in/(mm)	C in/(mm)	Approx Weigth lb/(kg)
50 pieces	11.81" (300)	9.84" (250)	9.84" (250)	10.14 (4.6)

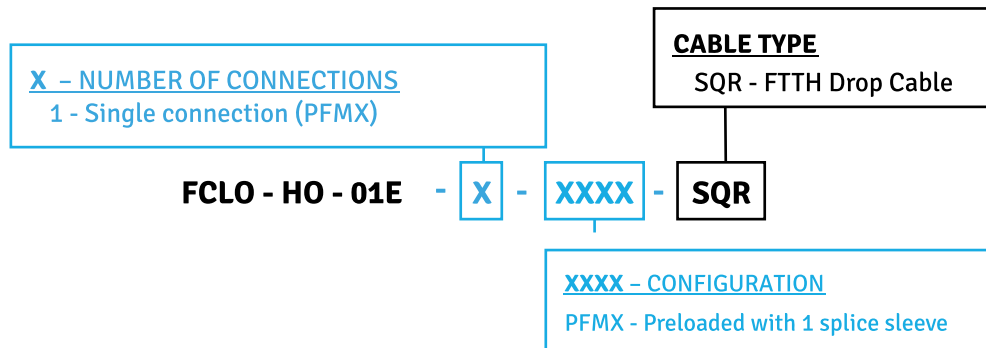| Quantity per pallet	Side A in/(mm)	Side B in/(mm)	Side C in/(mm)	Side D in/(mm)	Approx. Weight lb(kg)
3,000 pieces	82.75" (2102)	47.2" (1200)	39.4" (1000)	5.5" (140)	634.93 (288)

LABEL SPECIFICATIONS

PRODUCT CODE: FCLO-HO-01E-1-PFMX-SQR

DESCRIPTION:

HORIZONTAL 1F SPLICE CLOSURE, 1 SPLICE SLEEVE PRELOAD FTTH

QTY: 1 PIECE

FCLO-HO-01E-1-PFMX-SQR

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ORDERING MATRIX

X – NUMBER OF CONNECTIONS
1 - Single connection (PFMX)

CABLE TYPE
SQR - FTTH Drop Cable

FCLO - HO - 01E - **X** - **XXXX** - SQR

XXXX – CONFIGURATION
PFMX - Preloaded with 1 splice sleeve

WARNINGS

Pre-lubricated item. Avoid leaving the splice closure open.

For IP68 improvement add silicone grease at the gasket before closing it.