

# MULTIPOINT SERVICE TERMINALS

## FCT-08-CO-S

### 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPOINT SERVICE TERMINAL



#### GENERAL

FUSIONGUARD® manufactures a complete line of Multiport Service Terminals for use in outside plant fiber access networks in Fiber-To-The-X (FTTx) solutions.

Our products offer fast deployment, plug & play applications that help shortening installation time and reducing costs required to connect customers in FTTx networks.

Quick access to your network allows maintenance and troubleshooting, allowing incremental connection of subscribers.

The IP rate of our Multiport Service Terminals ensures resistance to outdoor environmental conditions.

#### IP 68 RATE

<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

This FILUX OptiTap® compatible Multiport Service Terminal it is a "Thin-Wall" splice closures designed specifically for last mile applications as the externally mounted hardened adapters offer an easy "plug-and-play" solution, allowing future installation without closure re-entry. This Multiport Service Terminal has a capacity of up to 4 connector ports pre-connectorized with the corresponding pigtail and can be adapted depending on the configuration.

#### CHARACTERISTICS

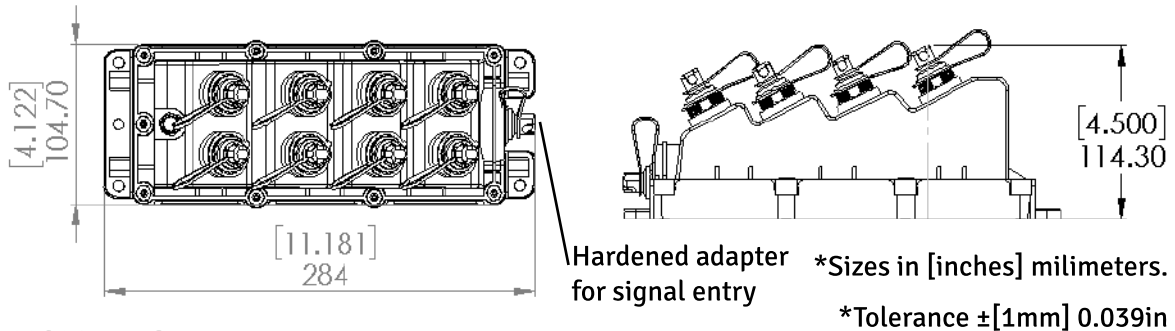
- IP68 rated.
- Excellent safekeeping of fibers from harmful conditions such as dust, rain and foreign agents.
- UV resistant.
- Closure sealed, preventing harm on internal connection.
- 8 FILUX hardened adapters.
- 1 FILUX hardened adapter for signal entry.
- Includes wall, pole and aerial installation kits.

Many of our Multiport Service Terminals 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

	<b>FCT-08-CO-S</b>
Ingress Protection	IP68
UV resistant	Yes
Chemical Resistant	Sulfuric Acid (3% H2SO4 by weight), IGEPAL (10%)
Material	Hardened plastic
Sealing material	Silicone rubber
Sealing type	Bolt
Dimensions - in (mm)	4.125" x 11.18" x 4.5" (104.78 x 284 x 114.30)
Approx Weight - lbs. (kg)	1.6 (0.74)
Max. Pole Diameter	Up to 8" (203.2 mm)*
Aerial Installation Max. Cable Diameter	Up to 3/4" (19 mm)*

### DIMENSIONS

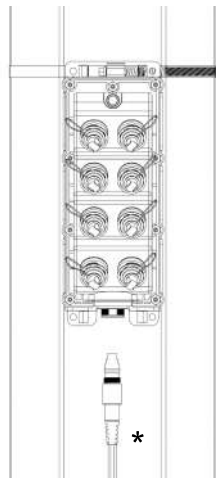


### INCLUDES

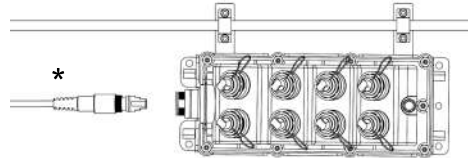
No.	Quantity	Description	No.	Quantity	Description
1	1 piece	8 ports Stubless PLC Splitter 1X08 Multiport Service Terminal	2	1 kit	Installation kit and IL RL Test Report



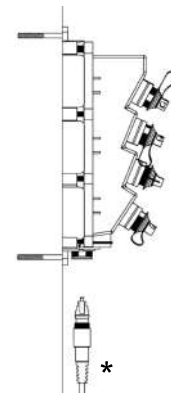
INSTALLATION DETAIL



Pole installation



Aerial installation



Wall mount installation

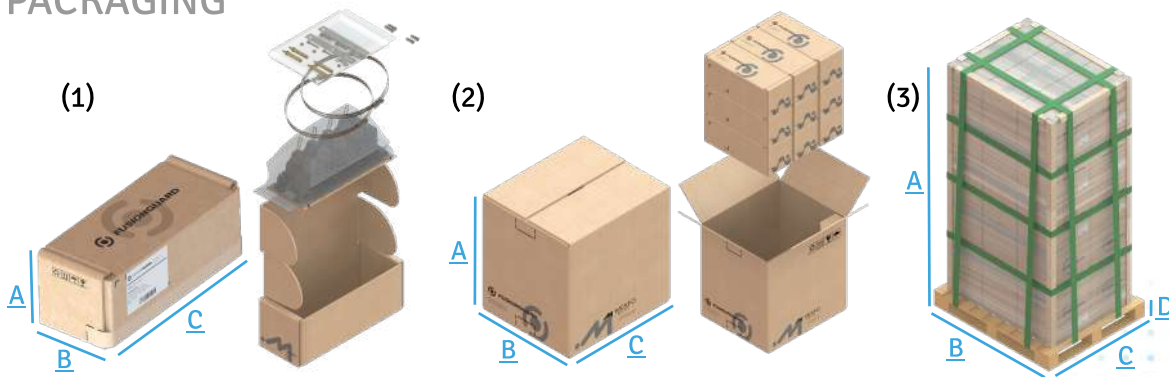
Note: For more options on field installation, please consult our sales team.

\*Hardened connector jumper not included

SPLITTER PLC SPECIFICATIONS







FCT-08-CO-S	
PARAMETERS	1X08
Wavelength	1310 ~ 1550
Fiber type	G657A1
Insertion Loss (dB) (Max)	11.2
Return Loss (dB) (Max)	-55
Polarization Dependent Loss (dB) (Min)	0.3

PACKAGING



FCT-08-CO-S						
Part No.	Quantity per pallet	Side A in/(mm)	Side B in/(mm)	Side C in/(mm)	Side D in/(mm)	Approx. Weight lb(kg)
(1) Individual box FONCS8H-F	192	5.31" (135)	5.31" (135)	13.18" (335)	-	4.73 (2.15)
(2) Master Box CC-41-35-41-ECT48	48	16.25" (413)	13.93" (354)	16.45" (418)	-	45.01 (20.42)
(3) Pallet 1113-CERT	-	65.03" (1652)	48" (1,219)	40" (1,016)	5.5" (140)	1082.73 (491.12)

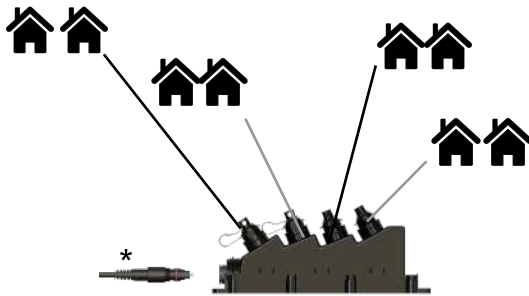
## LABEL SPECIFICATIONS

Package	Label
	 <p><b>FUSIONGUARD</b> fusionguard.com info@fusionguard.com</p> <p><b>PRODUCT CODE:</b> FCT-08-CO-S</p> <p><b>DESCRIPTION:</b> FO TERMINAL 08 PORTS/ 1 IN CONN PORT/ PLC SPLIT 1X04 PREL</p> <p><b>QTY:</b> 1 PIECE</p> <p> FCT-08-CO-S</p>
	 <p><b>FUSIONGUARD</b> fusionguard.com info@fusionguard.com</p> <p><b>PRODUCT CODE:</b> FCT-08-CO-S</p> <p><b>DESCRIPTION:</b> FO TERMINAL 08 PORTS/ 1 IN CONN PORT/ PLC SPLIT 1X08 PREL</p> <p><b>QTY:</b> 9 PIECES</p> <p> FCT-08-CO-S</p>
	 <p><b>INSTALLATION MANUAL:</b></p> <p></p> <p><b>PRODUCT CODE:</b> FCT-08-CO-S</p> <p>www.fusionguard.com info@fusionguard.com </p>

## CONFIGURATION

Code	Description
FCT-08-CO-S	8 ports, Stubless Multiport Service Terminal, 8 FILUX SC-APC hardened adapters for output signal, 1 FILUX SC-APC hardened adapter for signal entry. Preloaded with PLC Splitter 1x08. All mounting kits are included.

### MULTIPORT SERVICE TERMINAL APPLICATION



\*SC-APC Hardened Connector jumper not included

