

# MULTIPORT SERVICE TERMINALS

## FCT-04-CO-S

### 4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPORT 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</b> <b>IP first digit rating level: 6</b>	Totally protected against dust ingress (dust-tight).
<b>Liquid Ingress Protection</b> <b>IP second digit rating level: 8</b>	Protected from water ingress while immersed in deep water.

#### DESCRIPTION

This FILUX OptiTap® compatible Multiport Service Terminal is 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, allowing the entry of signal via FILUX hardened connector. Its PLC splitter 1x04 distributes the signal power equally to each port, making it the perfect option for a fast and safe deployment, reducing installation costs and maintenance.

#### 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.
- 4 FILUX hardened adapters.
- 1 FILUX hardened adapter for signal entry.
- Include wall, pole and aerial installation kits.

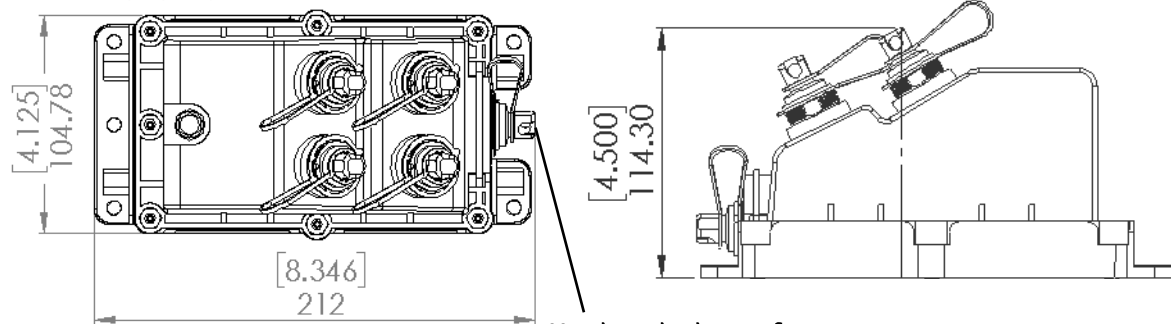
Many of our Multiport Service Terminals are highly configurable. If you don't see what you are looking for or have questions about our ordering matrix contained on this spec sheet please e-mail us

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

## TECHNICAL INFORMATION

	FCT-04-CO-S
Ingress Protection	IP68
UV resistant	Yes
Chemical Resistant	Sulfuric Acid (3% H <sub>2</sub> SO <sub>4</sub> by weight), IGEPAL (10%)
Material	Hardened plastic
Sealing material	Silicone rubber
Sealing type	Bolt
Dimensions - in (mm)	4.125" x 8.346" x 4.5" (104.78 x 212 x 114.30)
Approx Weight - lbs. (kg)	1.0 (0.49)
Max. Pole Diameter	Up to 8" (203.2 mm)*
Aerial Installation Max. Cable Diameter	Up to 3/4" (19 mm)*

## DIMENSIONS



Hardened adapter for  
signal entry

\*Sizes in [mm] inches.

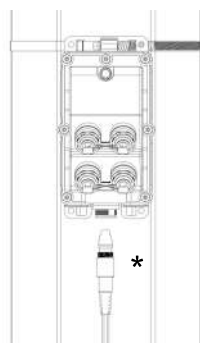
\*Tolerance ±[1mm] 0.039in

## INCLUDES

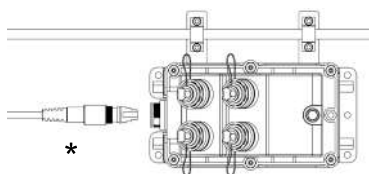
No.	Quantity	Description	No.	Quantity	Description
1	1 piece	4 ports Stubless PLC Splitter 1X04 Multiport Service Terminal	2	1 kit	Installation kit and IL RL Test Report



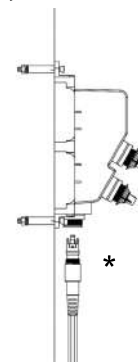
## INSTALLATION DETAIL



Pole installation



Aerial installation



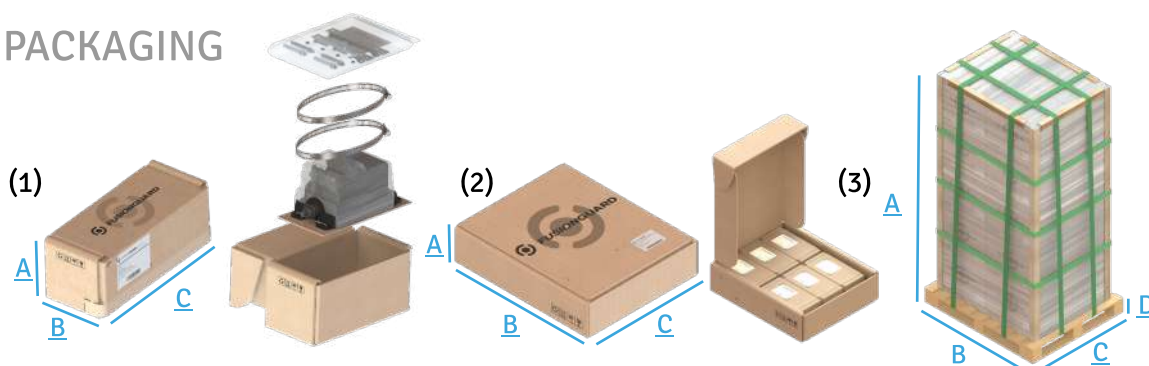
Wall mount installation

\*For more options on field installation, please consult our sales team.

\*Hardened connector jumper not included

FCT-04-CO-S	
PARAMETERS	1X04
Wavelength	1310~1550
Fiber type	G657.A1
Insertion Loss (dB) (Max)	8.0
Return Loss (dB) (Min)	-55
Polarization Dependent Loss (dB) (Max)	0.2

## PACKAGING



FCT-04-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 FONCS4H-F BASE4H	288	5.31" (135)	5.31" (135)	10.47" (266)	-	2.58 (1.17)
(2) Master Box FONCS19H-F	48	6.06" (154)	23.14" (588)	19.52" (496)	-	18 (8.42)
(3) Pallet 1113-CERT	-	78.26" (1,884)	48" (1,219)	40" (1,016)	5.5" (140)	946.5 (429.3)

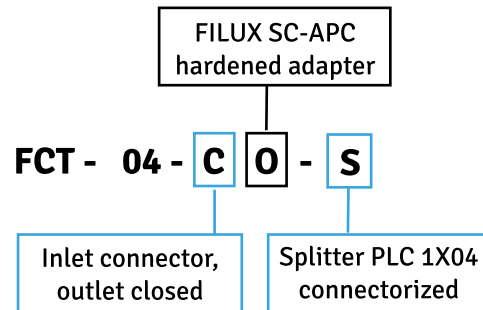
## CONFIGURATION

Code	Description
FCT-04-CO-S	4 ports, Stubless Multiport Service Terminal, 4 FILUX SC-APC hardened adapters for output signal, 1 FILUX SC-APC hardened adapter for signal entry. Preloaded with PLC Splitter 1x04. All mounting kits are included.

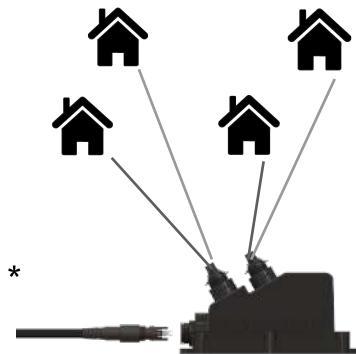
## LABEL SPECIFICATIONS

Package	Label
	 <p><b>PRODUCT CODE:</b> FCT-04-CO-S</p> <p><b>DESCRIPTION:</b> FO TERMINAL 04 PORTS/ 1 IN CONN PORT/ PLC SPLIT 1X04 PREL</p> <p><b>QTY:</b> 1 PIECE</p> <p> FCT-04-CO-S</p>
	 <p><b>PRODUCT CODE:</b> FCT-04-CO-S</p> <p><b>DESCRIPTION:</b> FO TERMINAL 04 PORTS/ 1 IN CONN PORT/ PLC SPLIT 1X04 PREL</p> <p><b>QTY:</b> 6 PIECES</p> <p> FCT-04-CO-S</p>
	 <p><b>INSTALLATION MANUAL:</b></p> <p></p> <p><b>PRODUCT CODE:</b> FCT-04-CO-S</p> <p><a href="http://www.fusionguard.com">www.fusionguard.com</a> <a href="mailto:info@fusionguard.com">info@fusionguard.com</a> </p>

## ORDERING MATRIX



## MULTIPOINT SERVICE TERMINAL APPLICATION



\*SC-APC Hardened Connector jumper not included