

Calix SFU ONT Enclosure



DESCRIPTION

The Calix Single Family Unit (SFU) Enclosure is a next generation product that features a redesigned splice tray and additional refinements that make it easier to install and use. Among these refinements are an additional cable tie-down tab, a cable clamp option, and a ground stud.

The SFU ONT Enclosure is a compact, molded thermo-plastic housing that holds one 700 SFU ONT. It is an environmentally sealed enclosure that can be mounted outdoors or indoors. Protective rubber grommets provide a seal around incoming and outgoing service and power cables. For additional security, an ONT tool is required to open the enclosure's lockable security door.

Four SFU ONT Enclosure models are available. The standard SFU ONT Enclosure has a drop-cable bracket and splice tray that accommodates loose fiber storage. The second model is the same as the standard enclosure with the addition of a telephone primary protection module for lightning protection. The third SFU ONT Enclosure includes an OptiTap® adaptor for terminating pre-connectorized drop cable. The final model is the SFU ONT Enclosure with OptiTap® adaptor and a telephone primary protection module.

KEY ATTRIBUTES



COMPACT DESIGN: The SFU ONT Enclosure has a compact, neutral-colored design that easily blends into the local environment.

IMPROVED SPLICE TRAY: The redesigned Calix Splice Tray has an open fiber storage area that makes fiber splicing, routing, tie-down and storage quick and easy. The clear splice tray cover provides additional protection for the splice tube and fiber. The splice tray comes installed in the standard SFU ONT Enclosure and the SFU ONT Enclosure with Primary Protection. SFU ONT Splice Trays can be ordered separately for replacements or for use with Structured Wiring Enclosure Brackets (SWEBs) and other Calix enclosures.

KEY ATTRIBUTES



FIBER PROTECTION: The enclosure provides additional protection for the fiber by using the 700 ONT electronics module as a security door. This security door allows easy access to diagnostic LEDs and test ports while denying access to sensitive fiber. Additional openings have been added to the ONT guard wall that separates the protected area from the general access area. These openings can be used to pass wires for primary protection of telephone circuits, power, and general cable management.



GROUNDING AND FIBER DROP CABLE BRACKET: This bracket is used to provide a ground connection for the 700 ONT electronics and to secure the incoming fiber drop cable. Two types of ground brackets are available.

The standard bracket secures drop cables that require splicing. This bracket has a tie-down tab for securing the drop cable with plastic tie-wraps. A slot is provided for connecting and grounding a drop cable with a metallic-sheath nut and bolt assembly. The slot also supports an optional Calix cable clamp. The standard bracket features a second ground stud for metallic sheath and general purpose grounding.



The OptiTap® bracket and OptiTap® adaptor are factory installed in the 700 ONT OptiTap® Enclosures. This bracket securely retains the OptiTap® adaptor and drop cable. Also available is a 700 ONT Slack Storage Enclosure that is used for storing excess OptiTap® drop cable.

SPECIFICATIONS

Calix SFU ONT Enclosure

MECHANICAL

Height: 12 in (30.5 cm)
Width: 10 in (25.4 cm)
Depth: 4 in (10.2 cm)
Installed height: 50–60 in (1.3–
1.5 m) above grc

INSTALLED WEIGHT

4 lbs (1.8 kg)

RECOMMENDED CLEARANCES

Left side: 12 in (30.5 cm)
Right side: 6 in (15.2 cm)
Front: 36 in (91.4 cm) standing
room
Rear: None

ORDERING INFORMATION

Calix 700 ONTs

SFU ENCL-ST (100-01578)SFU ONT Enclosure with Splice Tray
SFU ENCL-ST-PP (100-01580)SFU ONT Enclosure with Splice Tray and Primary Protection
SFU ENCL-OA (100-01579).....SFU ONT Enclosure with OptiTap[®] Adaptor
SFU ENCL-OA-PP (100-01581)SFU ONT Enclosure with OptiTap[®] Adaptor and Primary Protection
ONT ST-NG (100-01582)ONT Splice Tray SFU with SC/APC Adaptor - NG



1035 N. McDowell Blvd., Petaluma CA 94954
TEL: 877.766.3500 WWW.CALIX.COM

250-00153, Rev.12