# OPTICONNᴛᴍ 250 Dome Fiber Closure Specification



## Application
- Outdoor Fiber Optic Cable Splicing and Cable Management
- Aerial, Underground, or Direct Bury
- Mid-span Cable and Cut-end Cable Entry
- Single Fusion and Mass Fusion (Ribbon) Fiber Splicing
- Cable Purpose(s): Back-bone, Lateral, and Drop
- Cable Type(s): Armored, ADSS, Loose Tube, Ribbon, Micro Cable, Flat or Round Drop Cable
- Optical Splitters and/or Multiplexers Integration
- PON

## Features

- Up to 6 Cable Entry Points, each port capable of 1-4 cables
- Gel Seal Designed for 0.23'' to 0.9'' of fiber cable diameters
- Optional Short Tray(s): up to 24~36 Single Splices per Tray
- Optional Tall Tray(s): up to 24~36 Single or 72~144 Ribbon Splices per Tray
- Up to 2 Mid-Span Cable Capacity
- Slotted Tray Tower Design for Mix Use of Short and Tall Trays
- Additional "Flex" Slack Basket for increased storage capacity
- Strand & Pole Mounting Bracket Options

## Standards

- IP68
- GR771
- RoHS

## Standard Accessories

- Dome with O ring
- Locking Clamp
- (1) Splice Tray
- Hose Clamps
- Cable Ties
- Velcro Strap
- Buffer Felt
- Pressure Valve Kit
- Closure Multi Tool

## Optional Accessories

- Short Tray(s)
- Tall Tray(s)
- Flex Basket (Extra Storage)
- Tray Hinge Adapters
- Aerial Mount Bracket
- Pole Mount Fixture
- Grounding Kit
- Bench Clamp Fixture
- Bench Clamp 250 Adapter
- Drop Gel Block

Note: Tall Trays are recommended for use for 900 micron and flat Ribbon splicing applications

# OPTICONN™ 250 Part Number: OC250-OG01-F1T0S2-V1G0

# Base Model

Standard Accessories Included:
Compression Gels Seals
Multi-Cable Entry Kit
Closure Multi Tool
Main Slack Basket
Flash Valve

Additional Selected Kit Accessories Included:
(2x) 2 Port GelBlock
(2x) Short Tray,
 12.5 mm Tray Height
(1x) Flex Basket preinstalled

**Closure Capacity:**

| With Flex Basket Installed | With Flex Basket Removed |
|---|---|
| 4 Tall Trays | 6 Tall Trays |
| Up to 144 Single Splices | Up to 216 Single Splices |
| Up to 288~384* Ribbon Splices | Up to 432~576* (12per) Ribbon Splices |

*Depending on Ribbon Fiber Type

# OPTICONNTM 250 Part Number: OC250-OG02-F1T0S2-V1G0

# Base Model

Standard Accessories Included:
Compression Gels Seals
Multi-Cable Entry Kit
Closure Multi Tool
Main Slack Basket
Flash Valve

Additional Selected Kit Accessories Included:
(1x) 2 Port GelBlock
(1x) Drop GelBlock
(2x) Short Tray,
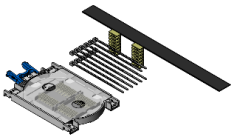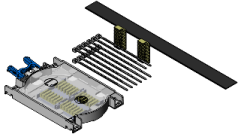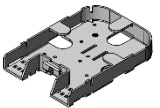       12.5 mm Tray Height
(1x) Flex Basket preinstalled
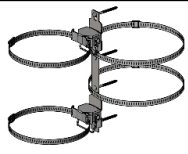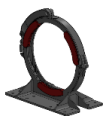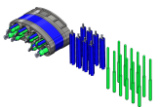
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## Optional Accessories

| Part Number | Specification | Picture |
|---|---|---|
| OC250STA | OPTICONNTM 250, Short Tray Assembly, 12.5mm height, 2 single splice holders installed, with Tray Hinge and accessories (12 cable ties & 1 buffer felt & 2 ribbon splice inserts) | |
| OC250TTA | OPTICONNTM 250, Tall Tray Assembly, 17mm height, 2 ribbon splice holders installed, with Tray Hinge and accessories (12cable ties & 1 buffer felt & 2 single splice inserts) | |
| OC250FXB | OPTICONNTM 250, Additional Slack Storage and Transfer Flex Basket | |
| THA1 | OPTICONNTM, Tray Hinge Adapter | |
| OC250AMK | OPTICONNTM 250, Aerial Mount Kit | |
| OC250PMK | OPTICONNTM 250, Pole Mount Kit | |
| GK1 | OPTICONNTM, Grounding Kit, 1 Bolt + 1 Wire | |
| GW3 | OPTICONNTM, Grounding Kit, 3 Wires | |
| OC500BC | OPTICONNTM 500, Bench Clamp Fixture Kit | |
| OC250BC | OPTICONNTM 250, Bench Clamp Adapter | |
| OCGBFD | OPTICONNTM, Drop Cable Gelblock | |

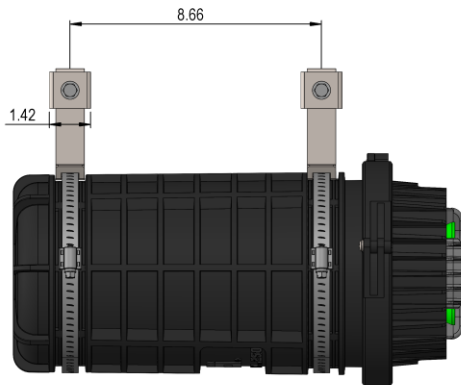# OPTICONN™ 250 ASSEMBLY - REFERENCE DIMENSIONS (INCH):
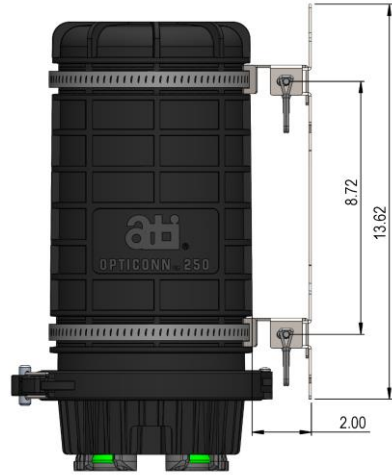


OPTICONN 250
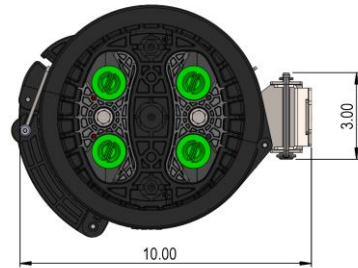


OPTICONN 250
POLE MOUNT



OPTICONN 250
AERIAL MOUNT
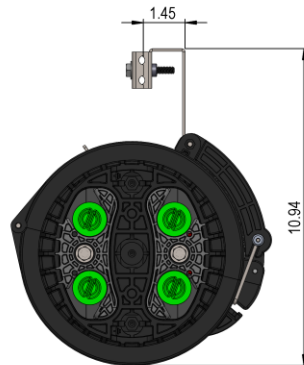
**Ordering Information Part Number Matrix**

OC250 -O G 0 1-F _ _ _ _ _ - V_ G_

① ② ③ ④ ⑤ ⑥

**① Build Configuration**
OG = Original Standard Baseplate

**② Gel Block Configuration**
01= Standard 2-port Gel Block in both locations
02= 1x Standard 2 port Gel Block, 1x Drop Gel Block

**③ Flex Basket**
F0 = None
F1 = Flex Basket installed

**④ Tray Configuration**
**With or Without Flex Basket Options**
T1S0 = 1 Tall      T2S0 = 2 Tall
T0S1 = 1 Short   T0S2 = 2 Short
T0S4 = 4 Short

**Without Flex Basket ONLY Option**
T4S0 = 4 Tall
T0S6 = 6 Short
T2S1 = 2 Tall & 1 Short
T1S2 = 1 Tall & 2 Short

**⑤ Valve Kit (Flash Valve)**
V0 = None
V1 = Flash Valve Installed

**⑥ Grounding Kit**
G0 = None
G1 = 1 Grounding Kit Installed (1 stud, and 1 Ground wire)
G2 = 2 Grounding Kits Installed (2 studs, and 2 Ground wires)