

# OTE-04MH-12-050G03



Mini-OTE 300-Series, Optical Terminal Enclosure, 4-port full-size connector, 1x2 tap, 5dB, with thru port, black, with grounding, external mounting

- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Plug and play adapter ports ensure rapid cable installment in the outside plant access section of the network
- Optical Terminal Enclosures incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Accommodates CommScope’s field installable splitters and compact CWDMs

## Product Classification

|                       |   |
|-----------------------|---|
| Regional Availability | Asia   EMEA   Latin America   North America |
| Product Type          | Access terminal, with tap                   |
| Product Series        | Mini-OTE 300                                |

## General Specifications

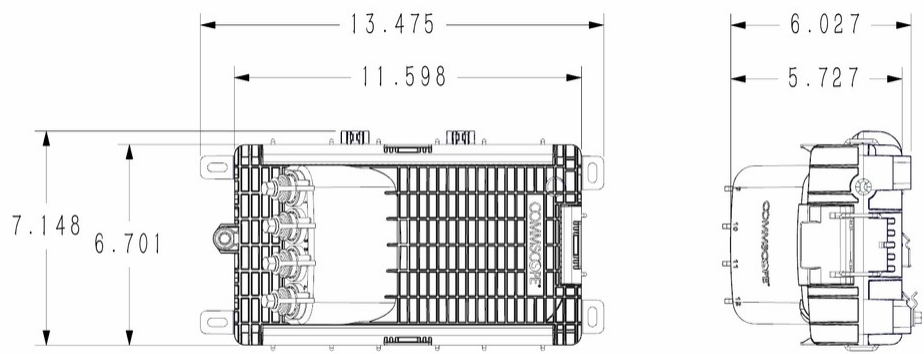
|                     |   |
|---------------------|---|
| Application         | For central core tube ribbon shielded/unshielded fiber cable   For flat drop with/without trace wire fiber cable   For loose buffer tube standard (72 F) and micro (144 F) fiber cable   For round armored up to 0.50 in/12.7 mm diameter fiber cable |
| Cable Type          | No cable (stubless)   |
| Cable, quantity     | 0   |
| Distribution Type   | 2-port tap  |
| Drop Port, quantity | 2   |
| Enclosure Color     | Black   |
| Input Tap, quantity | 1   |
| Mounting            | Handhole   Pedestal   Pole   Strand   |
| Port Type           | Hardened full-size SC/APC   |
| Port, quantity      | 4   |
| Splitter, quantity  | 0   |
| Stub Type           | No tail   |
| Thru Tap, quantity  | 1   |

## Dimensions

# OTE-04MH-12-050G03

|                    |                    |
|--------------------|--------------------|
| Height             | 342.9 mm   13.5 in |
| Width              | 182.88 mm   7.2 in |
| Depth              | 121.92 mm   4.8 in |
| Cable Length, stub | 0 ft (0 m)         |

## Dimension Drawing



## Ordering Tree

# OTE-04MH-12-050G03

OTE -  M  -  -  G

Number of ports

04

4 ports

08

8 ports

12

12 ports

Type of adapter

H

Full-size

X

DLX miniaturized

Type of tap

12

2 drops

14

4 drops

18

8 drops

Example: OTE-08MH-14-190G03

Eight-port mini-OTE 300, full-size hardened adapters, 1x4 tap, 19dB, ground plug, 3 trays

Number of trays

03

3 trays (standard)—  
2 fiber splicing trays,  
1 fiber storage tray

Tap dB value

|     | 2 Drop        | 4 Drop        | 8 Drop         |
|-----|---------------|---------------|----------------|
| 04T | 4 terminating |               |                |
| 07T |               | 7 terminating |                |
| 11T |               |               | 11 terminating |
| 050 | 5             |               |                |
| 070 | 7             |               |                |
| 080 | 8             |               |                |
| 090 |               | 9             |                |
| 100 | 10            | 10            |                |
| 110 |               | 11            |                |
| 120 | 12            |               | 12             |
| 130 |               | 13            |                |
| 140 | 14            |               | 14             |
| 150 | 15            | 15            | 15             |
| 170 | 17            | 17            | 17             |
| 190 | 19            | 19            | 19             |
| 210 | 21            | 21            | 21             |

## Material Specifications

Enclosure Material Type

Glass filled polypropylene (GF-PP)

## Optical Specifications

Operating Wavelength Range

1260 – 1635 nm

Attenuation Terminal Connectors, maximum

0.4 dB

Tap Drop Loss, maximum

5.8 dB

Tap Thru Loss, maximum

6 dB

Insertion Loss, Terminal Connector, typical

0.16 dB

Return Loss, Connector, minimum

65 dB

## Environmental Specifications

Operating Temperature

-40 °C to +60 °C (-40 °F to +140 °F)

Relative Humidity

5%–100%, condensing

Environmental Space

Above ground | Below ground | Buried

Qualification Standard Note

See test report CTR-1016 for details and exceptions

Qualification Standards

IEC 60529, IP68 + 2 m waterhead | Telcordia GR-771-CORE, Issue 2

# OTE-04MH-12-050G03

|                       |  |
|-----------------------|--|
| UV Resistance         | UV stabilized  |
| Packaging and Weights |  |
| Included              | Enclosure (1)   Grounding kit (1)   Optical tap (1)   Pedestal mounting hardware (1) |
| Packaging quantity    | 1  |
| Packaging Type        | Box   Carton   |
| Weight, without cable | 2.83 kg   6.239 lb   |

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Above maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS          | Compliant/Exempted   |
| UK-ROHS       | Compliant/Exempted   |



## Included Products

|                |   |  |
|----------------|---|--|
| 760242289      | – | Mini-OTE 300-Series, Optical Terminal Pole Cable Retention Kit |
| OTE-M-CABLERET |   |  |



Mini-OTE 300-Series, Optical Terminal Pole Cable Retention Kit

Product Classification

|                       |                  |
|-----------------------|------------------|
| Regional Availability | North America    |
| Product Type          | Mounting bracket |
| Product Series        | Mini-OTE 300     |

Environmental Specifications

|                     |         |
|---------------------|---------|
| Environmental Space | Outdoor |
|---------------------|---------|

Packaging and Weights

|                    |              |
|--------------------|--------------|
| Packaging quantity | 5            |
| Packaging Type     | Bag   Carton |