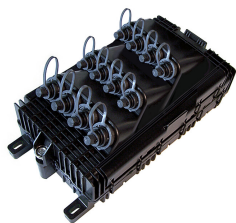


# OTE-12MH-18-220G03



Mini-OTE 300-Series, Optical Terminal Enclosure, 12-port full-size connector, 1x8 tap, 22dB, 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

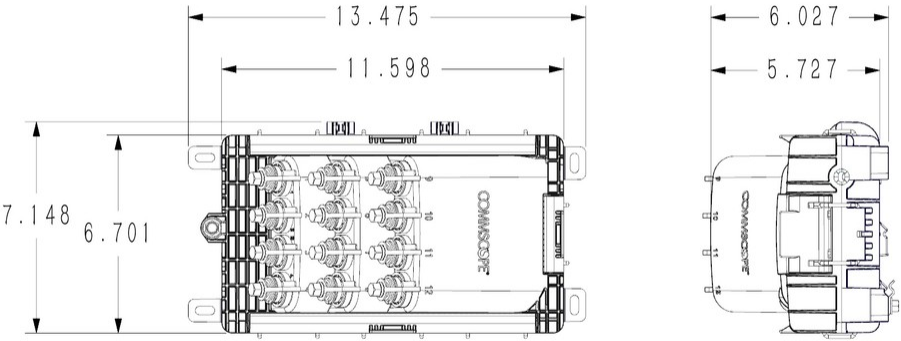
Application	For central core tube ribbon shielded/unshielded fiber cable   For flat drop with/without trace wire fiber cable   For loose buffer tube standard (72 F) and micro (144 F) fiber cable   For round armored up to 0.50 in/12.7 mm diameter fiber cable
Cable Type	No cable (stubless)
Cable, quantity	0
Distribution Type	8-port tap
Drop Port, quantity	8
Enclosure Color	Black
Input Tap, quantity	1
Mounting	Handhole   Pedestal   Pole   Strand
Port Type	Hardened full-size SC/APC
Port, quantity	12
Splitter, quantity	0
Stub Type	No tail
Thru Tap, quantity	1

## Dimensions

# OTE-12MH-18-220G03

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-12MH-18-220G03

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

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

Example: OTE-08MH-14-190G03

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

## 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

19.7 dB

Tap Thru Loss, maximum

1 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

# OTE-12MH-18-220G03

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	3.18 kg   7.011 lb

## Regulatory Compliance/Certifications

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



## Included Products

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