

# MST-0JRH00-A0100U



MST, Fiber Optic Multiport Service Terminal, 8-port with 1x8 splitter, square 4x3 port, dielectric flat loose tube cable, 100 ft

- 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
- Multiport Service Terminals incorporate hardened connector technology that is designed to withstand the rugged outside plant environment

## Product Classification

|                       |                                      |
|-----------------------|--------------------------------------|
| Product Type          | Access terminal, with splitter       |
| Product Series        | MST                                  |
| Regional Availability | Asia   Latin America   North America |

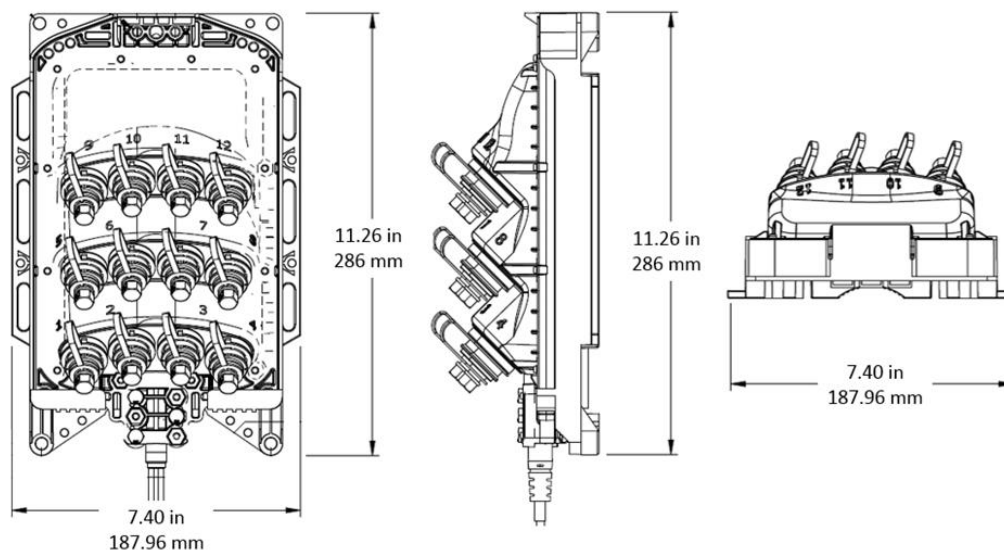
## General Specifications

|                    |   |
|--------------------|---|
| Distribution Type  | 1 x 8 splitter  |
| Port, quantity     | 8   |
| Cable Type         | Dielectric - Flat - Loose Tube  |
| Port Type          | Hardened full-size SC/APC adapter                                     |
| Stub Type          | Stub tail   |
| Cable, quantity    | 1   |
| Enclosure Color    | Black   |
| Includes           | Enclosure (1)   Optical splitter (1)   Universal mounting bracket (1) |
| Package, quantity  | 1   |
| Packaging Type     | Box   Carton  |
| Splitter, quantity | 1   |

## Dimensions

|                        |                               |
|------------------------|-------------------------------|
| Cable Length           | 30.48 m   100.00 ft           |
| Depth                  | 92.10 mm   3.63 in            |
| Height                 | 286.00 mm   11.26 in          |
| Outer Cable Dimensions | 4.5 x 8.1 mm (1.78 x 0.32 in) |
| Weight, without cable  | 1.36 kg   3.00 lb             |
| Width                  | 188.00 mm   7.40 in           |

## Dimension Drawing



## Mechanical Specifications

### Enclosure Material Type

Gasketed hardened plastic

### Mount Type

Handhole | Pedestal | Pole | Strand

## Optical Specifications

### Attenuation, maximum

0.30 dB/km @ 1550 nm  
0.40 dB/km @ 1310 nm

### Directivity, minimum

60 dB

### Fiber Type

G.652.D

### Insertion Loss, Splitter, maximum

10.4 dB

### Insertion Loss, Splitter, typical

10.0 dB

### Insertion Loss, Terminal Connector, maximum

0.40 dB

### Insertion Loss, Terminal Connector, typical

0.16 dB

### Return Loss, Connector, minimum

65 dB

### Return Loss, Splitter, minimum

55 dB

### Wavelength Range

1260–1635 nm

## Environmental Specifications

### Environmental Space

Above ground | Below ground | Buried

### Flammability Rating

UL 94 5VA

### Operating Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

### Qualification Standard

IEC 60529, IP68 + 2 m waterhead | Telcordia GR-3120-CORE | Telcordia GR-326-CORE | Telcordia GR-771-CORE

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|                          |                        |
|--------------------------|------------------------|
| <b>Relative Humidity</b> | 5%–95%, non-condensing |
| <b>UV Resistance</b>     | UV stabilized          |

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

## Included Products

MST-UMB-4312 — Universal MST Mounting Bracket