

MST, Fiber Optic Multiport Service Terminal, 8-port with 1x8 splitter, square 4x3 port, dielectric flat loose tube cable, 2000 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

#### Alternative products available:

HST-B8HCA2000NN000 HST, NOVUX<sup>™</sup> Hardened Standard Terminal, 8-port Planar 1:8 Splitter, Dielectric flat loose tube cable, 2000 ft/609 m

### Product Classification

| Regional Availability  | Asia   Latin America   North America |  |
|------------------------|--------------------------------------|--|
| Product Type           | Access terminal, with splitter       |  |
| Product Series         | MST                                  |  |
| General Specifications |                                      |  |
| Cable Type             | Dielectric - Flat - Loose Tube       |  |
| Cable, quantity        | 1                                    |  |
| Distribution Type      | 1 x 8 splitter                       |  |
| Enclosure Color        | Black                                |  |
| Mounting               | Handhole   Pedestal   Pole   Strand  |  |
| Port Type              | Hardened full-size SC/APC            |  |
| Port, quantity         | 8                                    |  |
| Splitter, quantity     | 1                                    |  |
| Stub Type              | Stub tail                            |  |
| Dimensions             |                                      |  |
| Height                 | 286 mm   11.26 in                    |  |
| Width                  | 188 mm   7.402 in                    |  |
| Depth                  | 92.1 mm   3.626 in                   |  |

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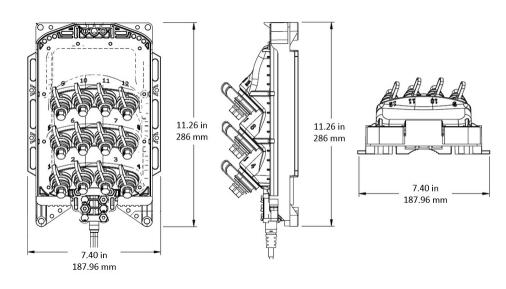
#### Cable Length, stub

#### **Cable Outer Diameter**

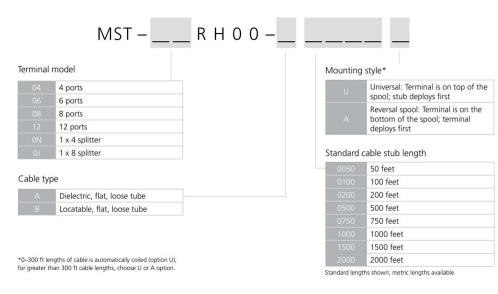
2000 ft (609 m)

4.5 x 8.1 mm (0.18 x 0.32 in)

## **Dimension Drawing**



# Ordering Tree



## Material Specifications

#### **Enclosure Material Type**

## **Optical Specifications**

Gasketed hardened plastic

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| Fiber Type                                  | G.657.A1/A2                                 |
|---|---|
| Operating Wavelength Range                  | 1260 – 1635 nm                              |
| Attenuation Cable Coefficient, maximum      | 0.30 dB/km @ 1550 nm   0.40 dB/km @ 1310 nm |
| Attenuation Splitter, maximum               | 10.4 dB                                     |
| Attenuation Terminal Connectors, maximum    | 0.4 dB                                      |
| Directivity, minimum                        | 60 dB                                       |
| Insertion Loss, Splitter, typical           | 10 dB                                       |
| Insertion Loss, Terminal Connector, typical | 0.16 dB                                     |
| Return Loss, Connector, minimum             | 65 dB                                       |
| Return Loss, Single Ports, minimum          | 55 dB                                       |

## **Environmental Specifications**

| Operating Temperature   | -40 °C to +70 °C (-40 °F to +158 °F)  |
|-------------------------|---|
| Relative Humidity       | 5%–100%, condensing   |
| Environmental Space     | Above ground   Below ground   Buried  |
| Flammability Rating     | UL 94 5VA   |
| Qualification Standards | IEC 60529, IP68 + 2 m waterhead   Telcordia GR-3120-CORE   Telcordia<br>GR-326-CORE   Telcordia GR-771-CORE |
| UV Resistance           | UV stabilized   |
| Packaging and Weights   |   |
| Included                | Enclosure (1)   Optical splitter (1)   Universal mounting bracket (1)                                       |
| Packaging quantity      | 1   |
| Packaging Type          | Box   Carton  |
| Weight, without cable   | 1.36 kg   2.998 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 |
| REACH-SVHC    | Compliant as per SVHC revision on www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |

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Included Products

MST-UMB-4312 - Universal MST Mounting Bracket

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# MST-UMB-4312



### Universal MST Mounting Bracket

### Product Classification

| Regional Availability | EMEA   Latin America   North America |
|-----------------------|--------------------------------------|
| Product Type          | Mounting bracket                     |
| Product Series        | MST   NDX                            |

### **General Specifications**

Color

Black

Outdoor

### **Environmental Specifications**

Environmental Space

Packaging and Weights

Packaging Type

Bag | Carton

### Regulatory Compliance/Certifications

| Agency     | Classification  |
|------------|---|
| CHINA-ROHS | Below maximum concentration value                                     |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS       | Compliant   |
| UK-ROHS    | Compliant   |
|            |   |



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