

MST, Fiber Optic Multiport Service Terminal, 8-port, long 2xN port, locatable flat loose tube cable, 1250 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-B8HNB1250NN000 HST, NOVUX<sup>™</sup> Hardened Standard Terminal, 8-port, Flat toneable loose tube cable, 1250 ft/381 m

### Product Classification

| Regional Availability  | Asia   Latin America   North America  |
|------------------------|---------------------------------------|
| Product Type           | Access terminal, without splitter/tap |
| Product Series         | MST                                   |
| General Specifications |                                       |
| Cable Type             | Locatable - Flat - Loose Tube         |
| Cable, quantity        | 1                                     |
| Distribution Type      | 8 ports                               |
| Enclosure Color        | Black                                 |
| Mounting               | Handhole   Pedestal   Pole   Strand   |
| Port Type              | Hardened full-size SC/APC             |
| Port, quantity         | 8                                     |
| Splitter, quantity     | 0                                     |
| Stub Type              | Stub tail                             |
| Dimensions             |                                       |
| Height                 | 414.5 mm   16.319 in                  |
| Width                  | 129.5 mm   5.098 in                   |
| Depth                  | 84.1 mm   3.311 in                    |

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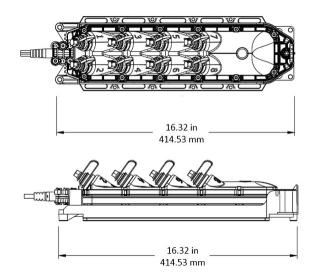
**COMMSCOPE**°

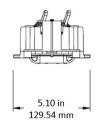
#### Cable Length, stub

**Cable Outer Diameter** 

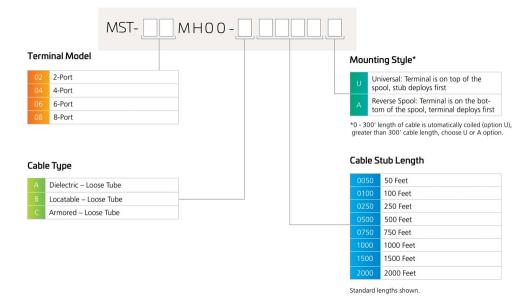
1250 ft (381 m) 5.0 mm (0.20 in)

## Dimension Drawing





# Ordering Tree



### Material Specifications

#### **Enclosure Material Type**

Gasketed hardened plastic

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## **Optical Specifications**

| 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 Terminal Connectors, maximum    | 0.4 dB                                      |
| Directivity, minimum                        | 60 dB                                       |
| Insertion Loss, Terminal Connector, typical | 0.16 dB                                     |
| Return Loss, Connector, minimum             | 65 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   |
| Dackaging and Mojahts   |   |

### Packaging and Weights

| Included              | Enclosure (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-0608 – DLX® MST, Fiber Optic Universal Mounting Bracket, 6/8

port

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