

MST-02MH00-A0500U



MST, Fiber Optic Multiport Service Terminal, 2-port, long 2xN port, dielectric flat loose tube cable, 500 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

Replaced By:

HST-B2HNA0500NN000 HST, NOVUX™ Hardened Standard Terminal, 2-port, Dielectric flat loose tube cable, 500 ft/152 m

Product Classification

| | |
|-----------------------|---------------------------------------|
| Regional Availability | Asia Latin America North America |
| Product Type | Access terminal, without splitter/tap |
| Product Series | MST |

General Specifications

| | |
|--------------------|-------------------------------------|
| Cable Type | Dielectric - Flat - Loose Tube |
| Cable, quantity | 1 |
| Distribution Type | 2 ports |
| Enclosure Color | Black |
| Mounting | Handhole Pedestal Pole Strand |
| Port Type | Hardened full-size SC/APC |
| Port, quantity | 2 |
| Splitter, quantity | 0 |
| Stub Type | Stub tail |

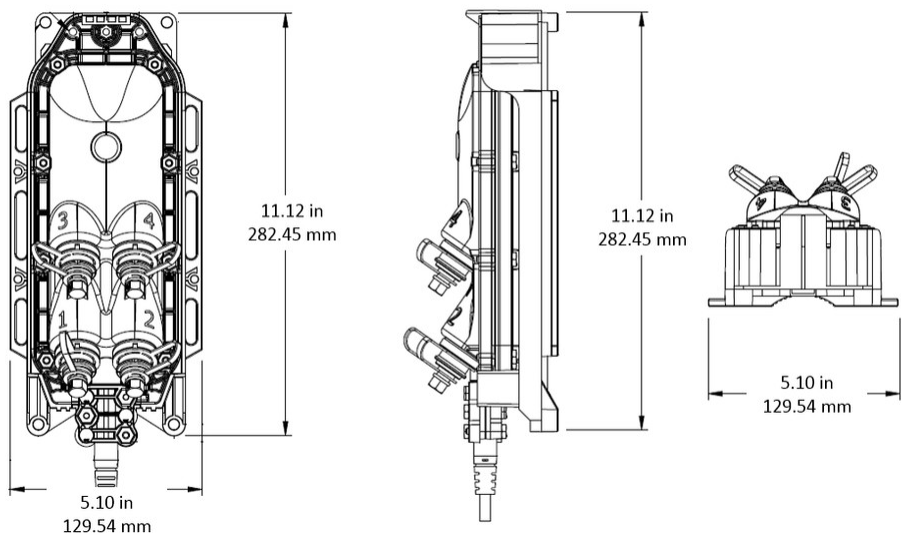
Dimensions

| | |
|--------|----------------------|
| Height | 282.4 mm 11.118 in |
| Width | 129.5 mm 5.098 in |
| Depth | 84.1 mm 3.311 in |

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| | |
|----------------------|-------------------------------|
| Cable Length, stub | 500 ft (152 m) |
| Cable Outer Diameter | 4.5 x 8.1 mm (0.18 x 0.32 in) |

Dimension Drawing



Ordering Tree

MST –

M H 0 0 –

Terminal model

| | |
|----|---------|
| 02 | 2 ports |
| 04 | 4 ports |
| 06 | 6 ports |
| 08 | 8 ports |

Cable type

| | |
|---|------------------------------|
| A | Dielectric, flat, loose tube |
| B | Locatable, flat, loose tube |
| C | Armored, round, loose tube |

Mounting style*

| | |
|---|--|
| U | Universal: Terminal is on top of the spool; stub deploys first |
| A | Reversal spool: Terminal is on the bottom of the spool; terminal deploys first |

Standard cable stub length

| | |
|------|-----------|
| 0050 | 50 feet |
| 0100 | 100 feet |
| 0250 | 250 feet |
| 0500 | 500 feet |
| 0750 | 750 feet |
| 1000 | 1000 feet |
| 1500 | 1500 feet |
| 2000 | 2000 feet |

*0–300 ft lengths of cable is automatically coiled (option U), for greater than 300 ft cable lengths, choose U or A option.

Standard lengths shown; metric lengths available

Material Specifications

| | |
|-------------------------|---------------------------|
| Enclosure Material Type | Gasketed hardened plastic |
|-------------------------|---------------------------|

Optical Specifications

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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 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 GR-326-CORE Telcordia GR-771-CORE |
| UV Resistance | UV stabilized |

Packaging and Weights

| | |
|-----------------------|--|
| Included | Enclosure (1) Universal mounting bracket (1) |
| Packaging quantity | 1 |
| Packaging Type | Box Carton |
| Weight, without cable | 0.86 kg 1.896 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 |



Included Products

MST-02MH00-A0500U

MST-UMB-0204 – MST, Fiber Optic Universal Mounting Bracket, 2/4 port