

MST-12MH00-A0900U



MST, Fiber Optic Multiport Service Terminal, 12-port, long 2xN port, dielectric flat loose tube cable, 900 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-BCHNA0900NN000 HST, NOVUX™ Hardened Standard Terminal, 12-port, Dielectric flat loose tube cable, 900 ft/274 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 | 12 ports |
| Enclosure Color | Black |
| Mounting | Handhole Pedestal Pole Strand |
| Port Type | Hardened full-size SC/APC |
| Port, quantity | 12 |
| Splitter, quantity | 0 |
| Stub Type | Stub tail |

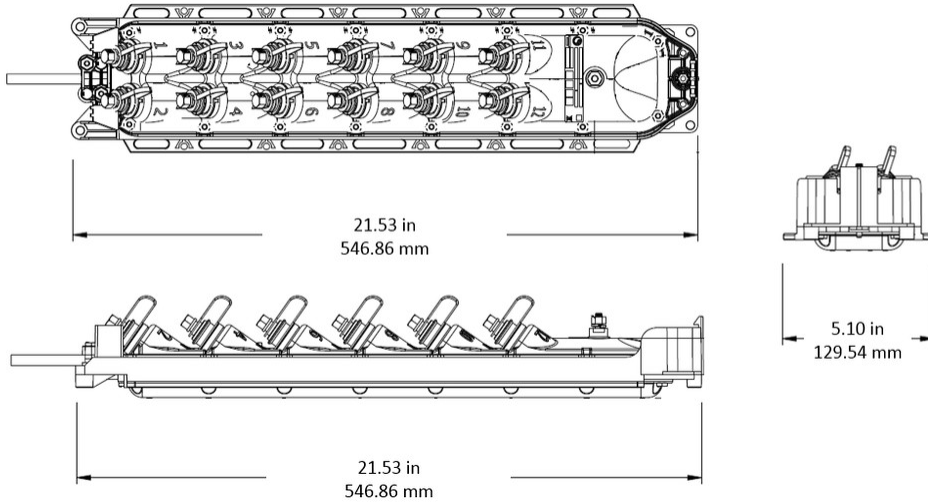
Dimensions

| | |
|---------------|----------------------|
| Height | 546.9 mm 21.532 in |
| Width | 129.5 mm 5.098 in |
| Depth | 84.1 mm 3.311 in |

MST-12MH00-A0900U

| | |
|-----------------------------|-------------------------------|
| Cable Length, stub | 900 ft (274 m) |
| Cable Outer Diameter | 4.5 x 8.1 mm (0.18 x 0.32 in) |

Dimension Drawing



Ordering Tree



Material Specifications

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

MST-12MH00-A0900U

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 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 | 2.31 kg 5.093 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Above 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/Exempted |
| UK-ROHS | Compliant/Exempted |



MST-12MH00-A0900U

Included Products

- MST-UMB-0012 - DLX® MST, Fiber Optic Universal Mounting Bracket, 12 port