MST-M8RH00-A0250UM



MST, Fiber Optic Multiport Service Terminal, 12-port with 1x8 splitter and 4 PtP ports, square 4x3 port, dielectric flat loose tube cable, 250 m

- 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

Regional Availability

Asia | Latin America

Product TypeAccess terminal, with splitter

Product Series MST

General Specifications

Cable TypeDielectric - Flat - Loose Tube

Cable, quantity

Distribution Type 1 x 8 splitter

Enclosure Color Black

Mounting Handhole | Pedestal | Pole | Strand

Port Type Hardened full-size SC/APC

Port, quantity 12
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

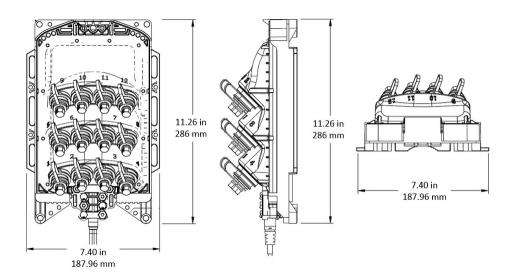
Cable Length, stub 820 ft (250 m)

Cable Outer Diameter 4.5 x 8.1 mm (0.18 x 0.32 in)

Dimension Drawing



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Material Specifications

Enclosure Material Type Gasketed hardened plastic

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 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 $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+158 \,^{\circ}\text{F}$)

Relative Humidity 5%–100%, condensing

Environmental Space Above ground | Below ground | Buried

Flammability Rating UL 94 5VA

COMMSCOPE®

MST-M8RH00-A0250UM

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) | 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



Included Products

MST-UMB-4312 - Universal MST Mounting Bracket

