

MST-M8RH00-A0500UM



MST, Fiber Optic Multiport Service Terminal, 12-port with 1x8 splitter and 4 PtP ports, square 4x3 port, dielectric flat loose tube cable, 500 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 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	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	1642 ft (500 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 °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

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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/Exempted



Included Products

MST-UMB-4312 - Universal MST Mounting Bracket