

MST, Fiber Optic Multiport Service Terminal, 8-port with 1x8 splitter, square 4x3 port, locatable flat loose tube cable, 1750 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-B8HCB1750NN000 HST, NOVUX<sup>™</sup> Standard Terminal, 8-port Planar 1:8 Splitter, Flat toneable loose tube cable, 1750 ft /533 m

### Product Classification

Regional Availability	Asia   Latin America   North America
Product Type	Access terminal, with splitter
Product Series	MST
General Specifications	
Cable Type	Locatable - 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	8
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

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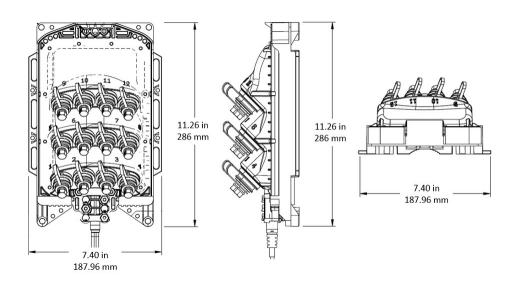
**COMMSCOPE**°

#### Cable Length, stub

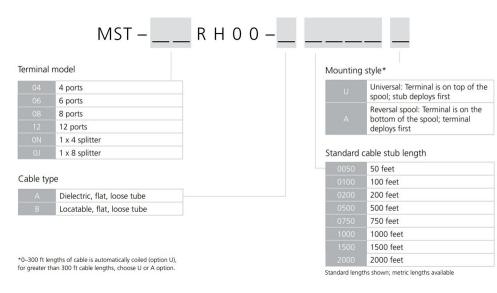
#### **Cable Outer Diameter**

1750 ft (533 m) 5.0 mm (0.20 in)

## Dimension Drawing



## Ordering Tree



## Material Specifications

### **Enclosure Material Type**

## Optical Specifications

### Gasketed hardened plastic

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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 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
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

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Included Products

MST-UMB-4312 - Universal MST Mounting Bracket

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