

MST, Fiber Optic Multiport Service Terminal, 8-port with 1x8 splitter, square 4x3 port, dielectric flat loose tube cable, 350 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

#### Alternative products available:

HST-B8HCA1150NN000 HST, NOVUX™ Hardened Standard Terminal, 8-port Planar 1:8 Splitter, Dielectric flat loose tube cable, 1150 ft/350 m

#### **Product Classification**

Regional Availability

Asia | Latin America | North America

**Product Type** Access terminal, with splitter

Product Series MST

## General Specifications

Cable TypeDielectric - 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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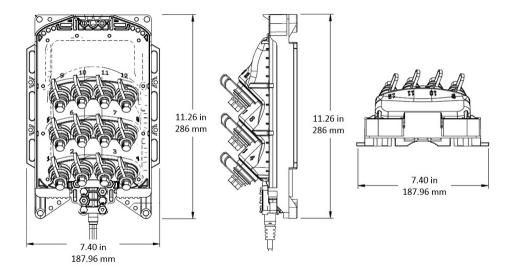
Cable Length, stub

1150 ft (350 m)

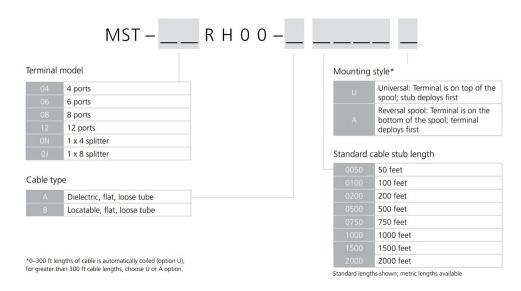
**Cable Outer Diameter** 

4.5 x 8.1 mm (0.18 x 0.32 in)

# Dimension Drawing



# Ordering Tree



## Material Specifications

**Enclosure Material Type** 

Gasketed hardened plastic

**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, maximum10.4 dBAttenuation Terminal Connectors, maximum0.4 dB

Directivity, minimum60 dBInsertion Loss, Splitter, typical10 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**  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

**Relative Humidity** 5%-100%, condensing

Environmental Space Above ground | Below ground | Buried

Flammability Rating UL 94 5VA

Qualification Standards | Telcordia GR-3120-CORE | Telcordia

GR-326-CORE | Telcordia GR-771-CORE

**UV Resistance** UV stabilized

Packaging and Weights

**UK-ROHS** 

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

Compliant

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







### Included Products

MST-UMB-4312 - Universal MST Mounting Bracket



## Universal MST Mounting Bracket

#### **Product Classification**

Regional Availability EMEA | Latin America | North America

Product Type Mounting bracket

Product Series MST | NDX

General Specifications

**Color** Black

### **Environmental Specifications**

Environmental Space Outdoor

## Packaging and Weights

Packaging quantity 1

Packaging Type Bag | Carton

## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



