

# MST-12RH00-A0450U



MST, Fiber Optic Multiport Service Terminal, 12-port, square 4x3 port, dielectric flat loose tube cable, 450 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-BCHNA0450NN000 HST, NOVUX™ Hardened Standard Terminal, 12-port, Dielectric flat loose tube cable, 450 ft/137 m

## Product Classification

<b>Regional Availability</b>	Asia   Latin America   North America
<b>Product Type</b>	Access terminal, without splitter/tap
<b>Product Series</b>	MST

## General Specifications

<b>Cable Type</b>	Dielectric - Flat - Loose Tube
<b>Cable, quantity</b>	1
<b>Distribution Type</b>	12 ports
<b>Enclosure Color</b>	Black
<b>Mounting</b>	Handhole   Pedestal   Pole   Strand
<b>Port Type</b>	Hardened full-size SC/APC
<b>Port, quantity</b>	12
<b>Splitter, quantity</b>	0
<b>Stub Type</b>	Stub tail

## Dimensions

<b>Height</b>	286 mm   11.26 in
<b>Width</b>	188 mm   7.402 in
<b>Depth</b>	92.1 mm   3.626 in

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<b>Cable Length, stub</b>	450 ft (137 m)
<b>Cable Outer Diameter</b>	4.5 x 8.1 mm (0.18 x 0.32 in)

## Dimension Drawing



## Ordering Tree

MST -   R H 0 0 -   -   -  

### Terminal model

04	4 ports
06	6 ports
08	8 ports
12	12 ports
0N	1 x 4 splitter
0J	1 x 8 splitter

### Cable type

A	Dielectric, flat, loose tube
B	Locatable, flat, loose tube

\*0-300 ft lengths of cable is automatically coiled (option U), for greater than 300 ft cable lengths, choose U or A option.

### Mounting style\*

U	Universal: Terminal is on top of the spool; stub deploys first
A	Reversal spool: Terminal is on the bottom of the spool; terminal deploys first

### Standard cable stub length

0050	50 feet
0100	100 feet
0200	200 feet
0500	500 feet
0750	750 feet
1000	1000 feet
1500	1500 feet
2000	2000 feet

Standard lengths shown; metric lengths available

## Material Specifications

<b>Enclosure Material Type</b>	Gasketed hardened plastic
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## Optical Specifications

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<b>Fiber Type</b>	G.657.A1/A2
<b>Operating Wavelength Range</b>	1260 – 1635 nm
<b>Attenuation Cable Coefficient, maximum</b>	0.30 dB/km @ 1550 nm   0.40 dB/km @ 1310 nm
<b>Attenuation Terminal Connectors, maximum</b>	0.4 dB
<b>Directivity, minimum</b>	60 dB
<b>Insertion Loss, Terminal Connector, typical</b>	0.16 dB
<b>Return Loss, Connector, minimum</b>	65 dB

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Relative Humidity</b>	5%–100%, condensing
<b>Environmental Space</b>	Above ground   Below ground   Buried
<b>Flammability Rating</b>	UL 94 5VA
<b>Qualification Standards</b>	IEC 60529, IP68 + 2 m waterhead   Telcordia GR-3120-CORE   Telcordia GR-326-CORE   Telcordia GR-771-CORE
<b>UV Resistance</b>	UV stabilized

## Packaging and Weights

<b>Included</b>	Enclosure (1)   Universal mounting bracket (1)
<b>Packaging quantity</b>	1
<b>Packaging Type</b>	Box   Carton
<b>Weight, without cable</b>	1.36 kg   2.998 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

# MST-12RH00-A0450U

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MST-UMB-4312 – Universal MST Mounting Bracket

# MST-UMB-4312

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## Universal MST Mounting Bracket

### Product Classification

<b>Regional Availability</b>	EMEA   Latin America   North America
<b>Product Type</b>	Mounting bracket
<b>Product Series</b>	MST   NDX

### General Specifications

<b>Color</b>	Black
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### Environmental Specifications

<b>Environmental Space</b>	Outdoor
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### Packaging and Weights

<b>Packaging quantity</b>	1
<b>Packaging Type</b>	Bag   Carton

### Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

