

# MST-08MH00-A0450U



MST, Fiber Optic Multiport Service Terminal, 8-port, long 2xN 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-B8HNA0450NN000 HST, NOVUX™ Hardened Standard Terminal, 8-port, Dielectric flat loose tube cable, 450 ft/137 m

## Product Classification

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

## General Specifications

Cable Type	Dielectric - Flat - Loose Tube
Cable, quantity	1
Distribution Type	8 ports
Enclosure Color	Black
Mounting	Handhole   Pedestal   Pole   Strand
Port Type	Hardened full-size SC/APC
Port, quantity	8
Splitter, quantity	0
Stub Type	Stub tail

## Dimensions

Height	414.5 mm   16.319 in
Width	129.5 mm   5.098 in
Depth	84.1 mm   3.311 in

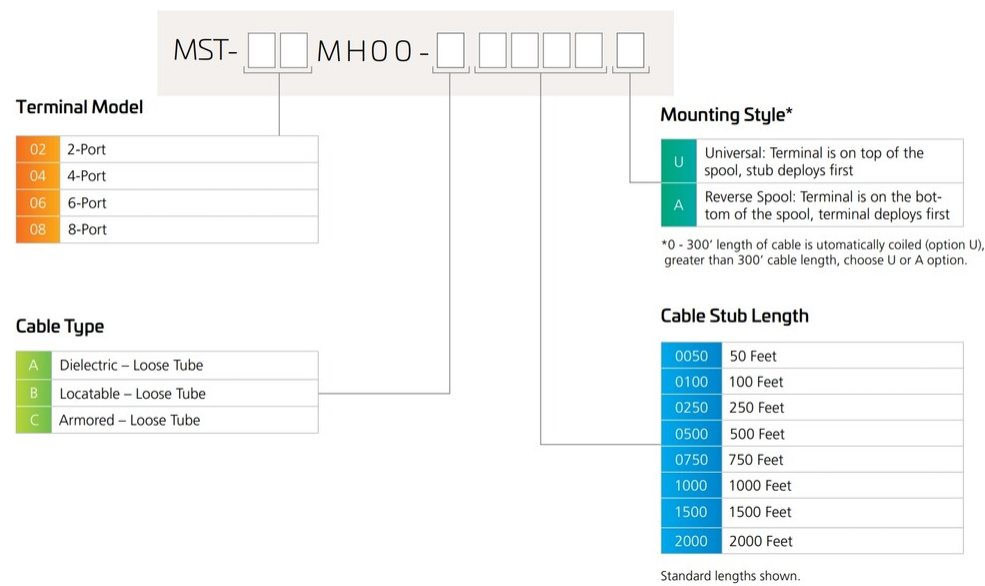
# MST-08MH00-A0450U

Cable Length, stub	450 ft (137 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
-------------------------	---------------------------

# MST-08MH00-A0450U

## 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 Terminal Connectors, maximum	0.4 dB
Directivity, minimum	60 dB
Insertion Loss, Terminal Connector, typical	0.16 dB
Return Loss, Connector, minimum	65 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)   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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



# MST-08MH00-A0450U

---

## Included Products

- MST-UMB-0608 – DLX® MST, Fiber Optic Universal Mounting Bracket, 6/8 port