

MST-12MH00-A0450U



MST, Fiber Optic Multiport Service Terminal, 12-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-BCHNA0450NN000 HST, NOVUX™ Hardened Standard Terminal, 12-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	12 ports
Enclosure Color	Black
Mounting	Handhole Pedestal Pole Strand
Port Type	Hardened full-size SC/APC
Port, quantity	12
Splitter, quantity	0
Stub Type	Stub tail

Dimensions

Height	546.9 mm 21.532 in
Width	129.5 mm 5.098 in
Depth	84.1 mm 3.311 in

MST-12MH00-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-12MH00-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	2.31 kg 5.093 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



MST-12MH00-A0450U

Included Products

- MST-UMB-0012 – DLX® MST, Fiber Optic Universal Mounting Bracket, 12 port