## MST-08MH00-C0500U



# MST, Fiber Optic Multiport Service Terminal, 8-port, long 2xN port, armored round loose tube cable, 500 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

#### Product Classification

Regional Availability	Asia   Latin America   North America		
Product Type	Access terminal, without splitter/tap		
Product Series	MST		
General Specifications			
Cable Type	Armored - Round - 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		
Cable Length, stub	500 ft (152 m)		
Cable Outer Diameter	4.4 x 7.4 mm (0.17 x 0.29 in)		

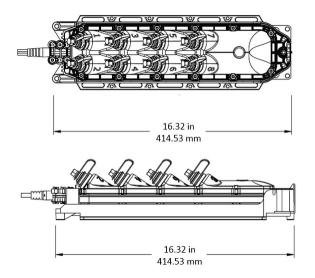
### Dimension Drawing

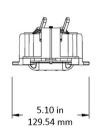
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### MST-08MH00-C0500U





### Ordering Tree

erminal Model	Mounting Style*
2-Port	Universal: Terminal is on top of the
4 4-Port	spool, stub deploys first
06 6-Port 8 8-Port	A Reverse Spool: Terminal is on the bot- tom of the spool, terminal deploys first
14 To	greater than 300' cable length, choose U or A option Cable Stub Length
ble Type Dielectric – Loose Tube	Cable Stub Length
Dielectric – Loose Tube	Cable Stub Length
Dielectric – Loose Tube           Locatable – Loose Tube	Cable Stub Length 0050 50 Feet
	Cable Stub Length           0050         50 Feet           0100         100 Feet
Dielectric – Loose Tube       Locatable – Loose Tube	Cable Stub Length           0050         50 Feet           0100         100 Feet           0250         250 Feet
Dielectric – Loose Tube       Locatable – Loose Tube	Cable Stub Length           0050         50 Feet           0100         100 Feet           0250         250 Feet           0500         500 Feet
A Dielectric – Loose Tube Locatable – Loose Tube	Cable Stub Length           0050         50 Feet           0100         100 Feet           0250         250 Feet           0500         500 Feet           0750         750 Feet

Standard lengths shown.

#### Material Specifications

#### **Enclosure Material Type**

Gasketed hardened plastic

#### **Optical Specifications**

Fiber Type

Operating Wavelength Range

G.657.A1/A2

1260 – 1635 nm

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## MST-08MH00-C0500U

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	Above 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/Exempted
UK-ROHS	Compliant/Exempted

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#### Included Products

MST-UMB-0608

DLX® MST, Fiber Optic Universal Mounting Bracket, 6/8 port

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## MST-UMB-0608



#### DLX® MST, Fiber Optic Universal Mounting Bracket, 6/8 port

### Product Classification

Regional Availability	EMEA   Latin America   North America
Product Type	Mounting bracket
Product Series	MST

#### **General Specifications**

Color

Black

Outdoor

#### **Environmental Specifications**

Environmental Space

### 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



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