MST-OJXX00-B0050U

DLX® Mini-MST, Fiber Optic Multiport Service Terminal, 8-port with 1x8 splitter, dielectric flat loose tube cable, 50 feet

- Multiport Service Terminals incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- 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
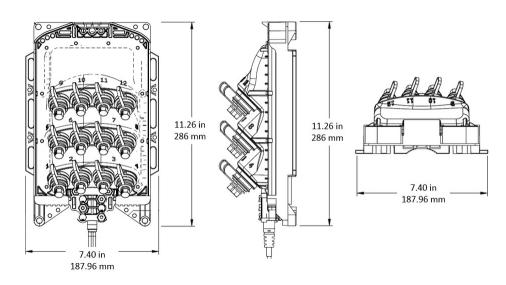
Product Classification

Regional Availability	Asia | Latin America | North America
Product Type	Access terminal, with splitter
Product Brand	DLX®
Product Series	Mini-MST
Minimum Order Quantity	2

General Specifications

Cable Type	Locatable - 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	298 mm | 11.732 in
Width	130.3 mm | 5.13 in
Depth	89 mm | 3.504 in
Cable Length, stub	50 ft (15 m)
Cable Outer Diameter	5.0 mm (0.20 in)

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MST-0JXX00-B0050U

Dimension Drawing

11.26 in
286 mm

11.26 in
286 mm

7.40 in
187.96 mm

7.40 in
187.96 mm

Ordering Tree

MST – __ __ X X __ __ – __ __ __ __ __ __ __

Terminal model

02	2 ports
04	4 ports
06	6 ports
08	8 ports
12	12 ports
0N	1 x 4 splitter
0J	1 x 8 splitter
0W	1 x 2 splitter

Cable termination

00	Pigtail (No connector)
X0	DLX connector (only available on splitter terminals)

Cable type

A	Dielectric, flat, loose tube (44.3mm x 8.0mm)
B	Locatable/tonable, flat, loose tube (44.3mm x 10.0mm)

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

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

Standard cable stub length

0050	50 feet	1000	1,000 feet
0100	100 feet	1250	1,250 feet
0250	250 feet	1500	1,500 feet
0500	500 feet	1750	1,750 feet
0750	750 feet	2000	2,000 feet

Standard lengths shown; metric lengths available

Material Specifications

Enclosure Material Type   Gasketed hardened plastic

Optical Specifications

Fiber Type   G.657.A1/A2

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MST-0JXX00-B0050U

Operating Wavelength Range	1260 – 1635 nm
Attenuation Cable Coefficient, maximum	0.30 dB/km @ 1550 nm | 0.40 dB/km @ 1310 nm
Attenuation Splitter, maximum	10.4 dB
Attenuation Terminal Connectors, maximum	0.4 dB
Directivity, minimum	60 dB
Insertion Loss, Splitter, typical	10 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 °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 V-0
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) | Optical splitter (1) | Universal mounting bracket (1)
Packaging quantity	1
Packaging Type	Box | Carton
Weight, without cable	0.99 kg | 2.183 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

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Included Products

MST-UMB-4312 –   Universal MST Mounting Bracket

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