Mini MST

Standard MST

Multiport Service Terminals (MSTs)

TE Connectivity's (TE) FTTX infrastructure solutions are designed from the ground up to meet the unique requirements of FTTX networks. Designed for operational efficiency and scalability, TE's FTTX solutions simplify network installation, maintenance and management from the central office/head end to the outside plant.

The Multiport Service Terminal (MST) incorporates hardened connector technology that is designed to withstand the rugged outside plant environment. These uniquely designed hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments.

FEATURES AND BENEFITS

- Stubbed, hardened terminals in two sizes:
    - Full-sized (OptiTap® compatible) hardened connectors
    - Miniaturized (DLX) hardened connectors
- Delivered factory-sealed
- Supplied with a length of feeder cable
- From 2 to 12 hardened ports for single or multifiber connectors
- Can be supplied with hardened multifiber connector at the feeder cable
- Available with pre-mounted and tested optical splitter
- IP68 and 2m waterhead

- Aerial and manhole installation
- Angled adapters for increased hand access
- Universal mounting bracket
- Robust environmental performance: Withstands extremes in temperature and conditions
- Technician-friendly features: Intuitive design for ease of use
- Decreased installation and maintenance hours: Significant savings
- Protection: Self-contained unit features hardened connectors for superior durability and reliability in the drop segment of the network
- Compatibility: Interoperability with industry standard hardened connectors

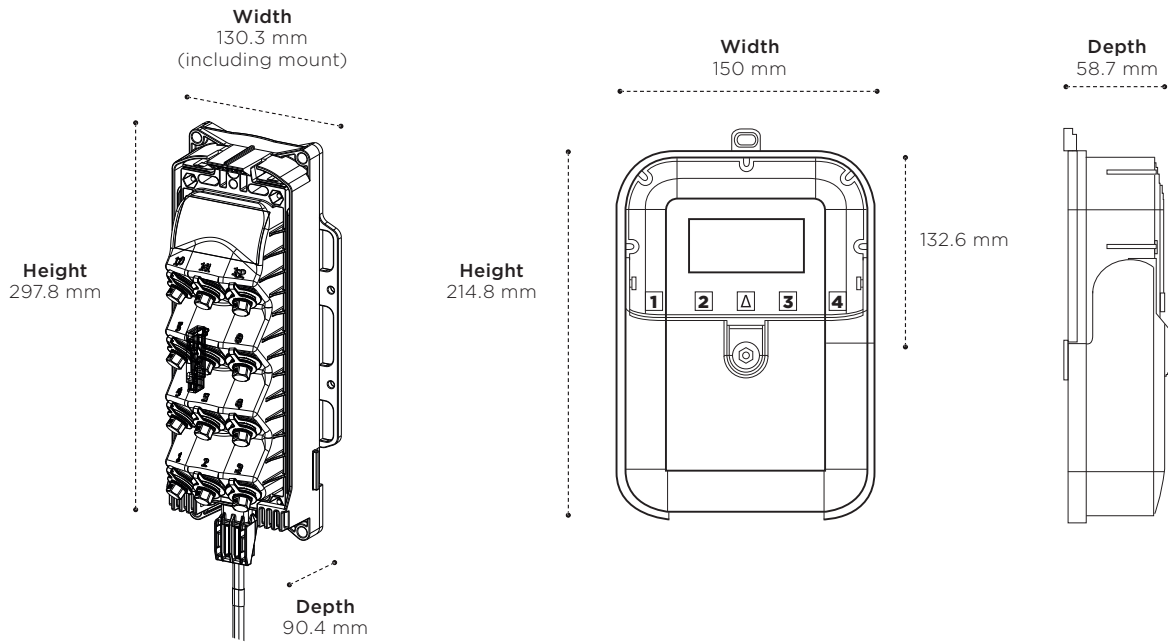*OptiTap is a registered trademark of Corning Cable Systems Solutions*

TE connectivity

Multiport Service Terminals (MSTs)
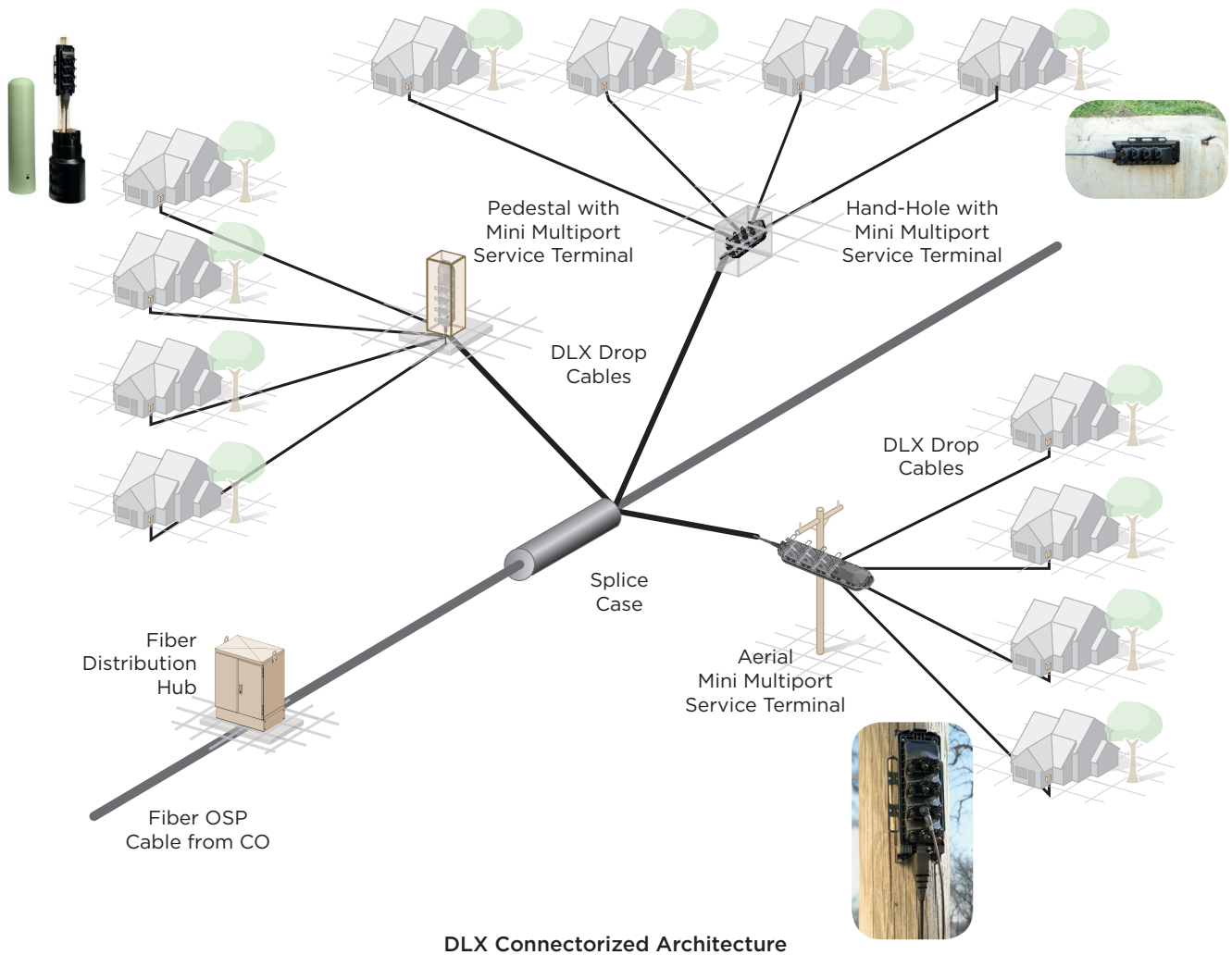
DLX Connectorized Architecture

Dimensions

Number of ports	Dimensions in mm (H x W x D)	Homes Served
With miniaturized (DLX) adapters		
4	297.8 x 130.3 x 90.4	4
6	297.8 x 130.3 x 90.4	6
8	297.8 x 130.3 x 90.4	8
12	297.8 x 130.3 x 90.4	12
With full-sized (OptiTap-compatible) adapters		
4	282.6 x 128.8 x 83.8	4
6	414.6 x 128.7 x 86.4	6
8	414.6 x 128.7 x 86.4	8
12	544.8 x 128.9 x 86.7	12
With full-sized adapters in 4x3 pattern ("Square")		
6	286 x 187.3 x 95	6
8	286 x 187.3 x 95	8
12	286 x 187.3 x 95	12

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Multiport Service Terminals (MSTs)

Width
130.3 mm
(including mount)

Height
297.8 mm

Depth
90.4 mm

Width
150 mm

Height
214.8 mm

132.6 mm

Depth
58.7 mm

Mini-MST with DLX adapters

Width
128.8 mm
(including mount)

Height
282.6 mm

Depth
83.8 mm

4-port

Width
128.7 mm
(including mount)

Height
414.6 mm

Depth
86.4 mm

8-port

Width
128.9 mm
(including mount)

Height
544.8 mm

Depth
86.7 mm

12-port

Width
187.3 mm
(including mount)

Height
286 mm

Depth
95 mm

**Square
3x4 port**

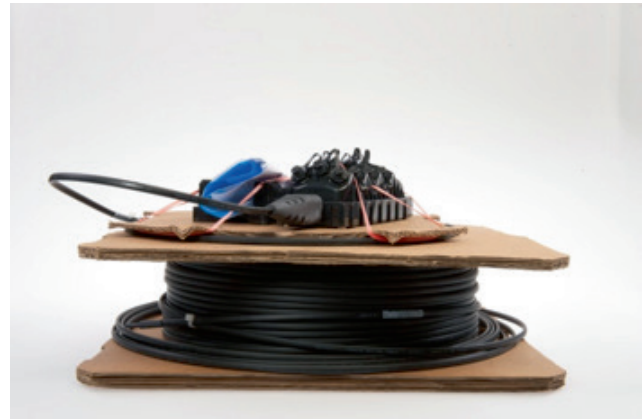## MST with full-sized hardened adapters

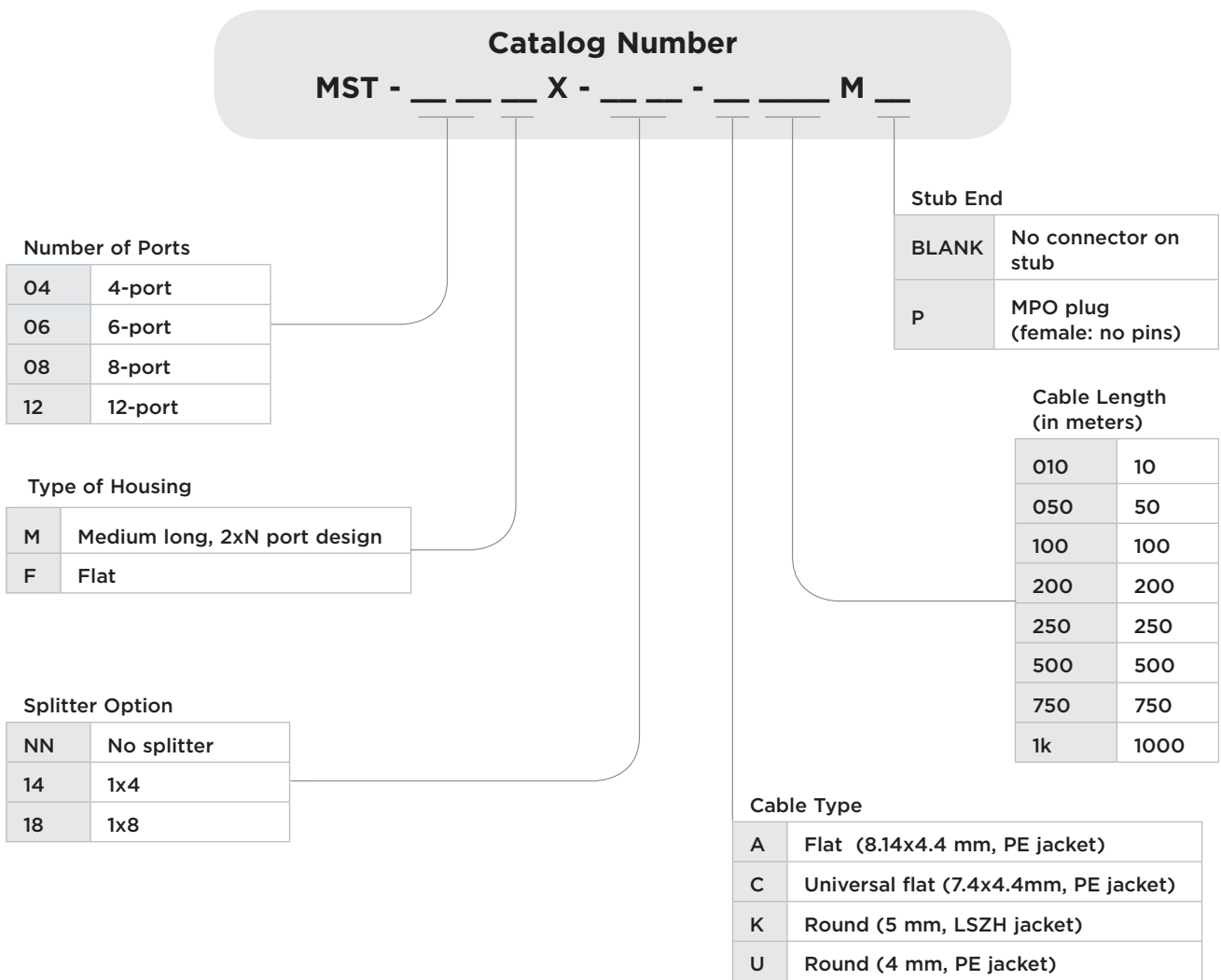*OptiTap is a registered trademark of Corning Cable Systems Solutions*

Multiport Service Terminals (MSTs)

## Mini-MST with DLX adapters

ORDERING INFORMATION

Mini-MST shown as packed and delivered
(Packaging depends on cable length)

Catalog Number

MST - __ __ __ X - __ __ - __ ____ M __

Number of Ports

04	4-port
06	6-port
08	8-port
12	12-port

Type of Housing

M	Medium long, 2xN port design
F	Flat

Splitter Option

NN	No splitter
14	1x4
18	1x8

Stub End

BLANK	No connector on stub
P	MPO plug (female: no pins)

Cable Length (in meters)

010	10
050	50
100	100
200	200
250	250
500	500
750	750
1k	1000

Cable Type

A	Flat (8.14x4.4 mm, PE jacket)
C	Universal flat (7.4x4.4mm, PE jacket)
K	Round (5 mm, LSZH jacket)
U	Round (4 mm, PE jacket)

TE connectivity

Multiport Service Terminals (MSTs)

MST with full-sized (OptiTap-compatible) adapters

ORDERING INFORMATION
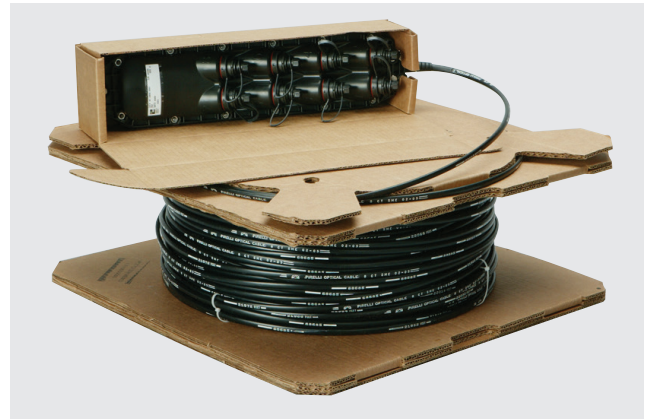
MST with full-sized adapters shown as packed and delivered
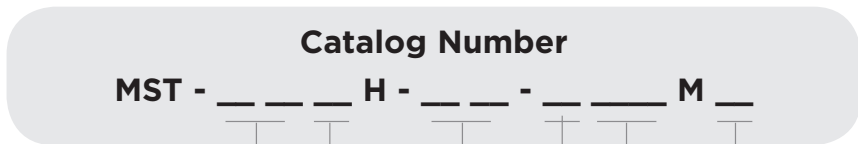
Catalog Number

MST - __ __ __ H - __ __ - __ ___ M __

Number of Ports

04	4-port
06	6-port
08	8-port
12	12-port

Type of Housing

M	Medium long, 2xN port design
R	Square, 3x4 port design

Splitter Option

NN	No splitter
14	1x4
18	1x8

Stub End

BLANK	No connector on stub
P	MPO plug (female: no pins)

Cable Length (in meters)

010	10
050	50
100	100
200	200
250	250
500	500
750	750
1k	1000

Cable Type

A	Flat (8.14x4.4 mm, PE jacket)
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Multiport Service Terminals (MSTs)

Accessories

Universal mounting brackets

Provides simple, secure, rapid installation in pole, hand hole or strand applications

Description	Catalog Number
For Mini-MSTs with DLX adapters	
Pole, hand hole installation	MST-ACC-UMBD
Aerial installation	MST-ACC-M02
For MSTs with full-sized (OptiTap-compatible) adapters	
4-port dielectric cable stub MST	MST-UMB-0204
4-port armored, 6- and 8-port dielectric cable stub MSTs	MST-UMB-0608
4x3-configuration MST	MST-UMB-4312

DLX Specifications

Primary Requirements:	Designed for use in all Environmental Categories: Aerial (Category A), Ground (Category G) and Subterranean (Category S) as defined in IEC 61753-1 Designed to Mechanical Interface Standard Type SC, according to IEC 61754-4
Minimum Hole Size for Connector:	16mm
Latching:	Keyed alignment Dual latching, push-pull detent, twist-lock secure long term connection
Insertion Loss (against reference connector):	≤ 0.35 dB
Return Loss:	> 60 dB
Retention Force (connector/adapter):	450 N