

FTTX Solutions

Multiport Service Terminal (MST)



TE Connectivity's 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.

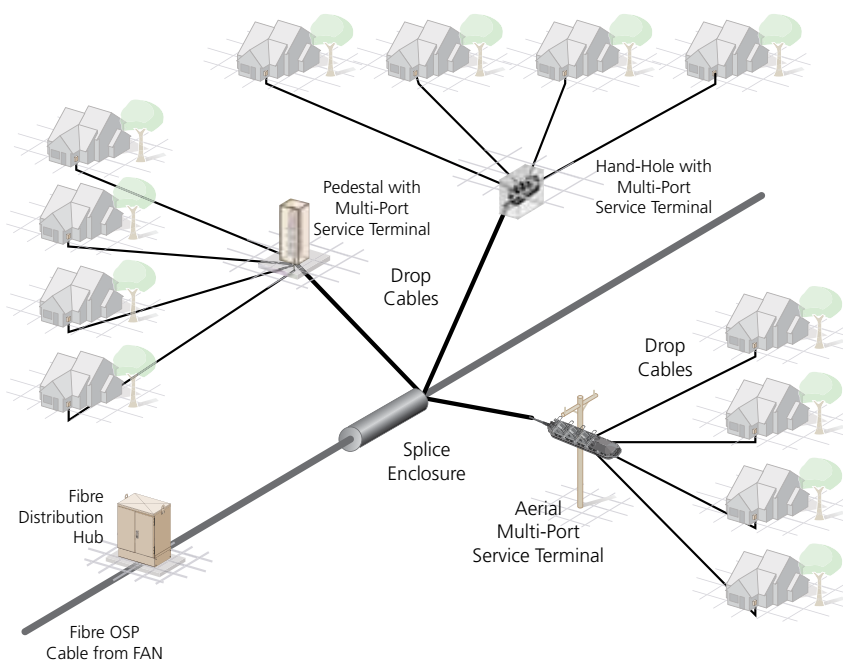
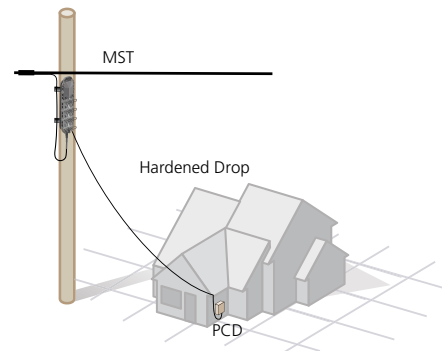
FEATURES

- Available in 4-, 8-, and 12-port configurations
- Flexible mounting options including pole, pedestal, hand hole or strand to support both aerial and below grade applications
- Tested to meet GR-326, GR-771, GR-3152 and GR-3120 standards for robust environmental performance
- Connection interface utilise factory terminated high-performance SC/APC connectors for the OptiTap® drop interface
- Hardened adapters provide environmentally secure interface for fibre drops
- Easy and quick installation to the distribution cable through the 12-fibre HMFOC (hardened multifibre optical connector) interface
- Factory sealed enclosure provides resistance to environment
- Improved structural design withstands stress and impact
- Re-enterable enclosure allows for easy technician access for repairs
- Superior cable and fibre management ensures proper bend radius, prevents cable strain and minimises kinking
- Available with dielectric and armored input stub cables in standard lengths
- Compatible with OptiTap® connector system
- User-friendly packaging allows for easy un-spooling

Hardened Connector Architecture

BENEFITS

- The ultimate “Plug and Play” solution for durable and reliable service connection in the outside plant/drop segment of the network
- Technician-friendly and greatly simplifies installation and maintenance by minimising splicing required on the distribution side of the network
- Cost effective solutions that provide for lower overall installed costs throughout the FTTX network
- Facilitates easy troubleshooting as maintenance can be done at the MST by simply unplugging a connector rather than breaking a splice or going directly to the side of the home



4xN Multiport Service Terminal

The 4x3 terminal body is an optimised form factor design for below grade enclosures and hand holes. The MST has a 3 metre cable with HMFOC on the end of the cable. The 12-port configuration provides superior technician access by providing three rows of four hardened adapters.

ORDERING INFORMATION

Catalog Number	
MST-__ RHMN-A0010U-B	
Terminal Model	
04	4-Port
08	8-Port
12	12-Port



SPECIFICATIONS

	4-PORT MST (4 x 1)	8-PORT MST (4 x 2)	12-PORT MST (4 x 3)
Ports/Homes Served:	4	8	12
Dimensions (LxWxD):	27.94 x 15.24 x 8.25 cm (11" x 6" x 3.25")	27.94 x 15.24 x 8.25 cm (11" x 6" x 3.25")	27.94 x 15.24 x 8.25 cm (11" x 6" x 3.25")

2xN Multiport Service Terminal

The 2xN terminal body is size optimised for the number of ports. The MST has a 3 metre cable with HMFOC at the end of the cable.

ORDERING INFORMATION

Catalog Number	
MST-__ MHMN-A0010U-B	
Terminal Model	
04	4-Port
08	8-Port
12	12-Port



SPECIFICATIONS

	4-PORT MST (2 x 2)	8-PORT MST (2 x 4)	12-PORT MST (2 x 6)
Ports/Homes Served:	4	8	12
Dimensions (LxWxD):	30.84 x 10.03 x 7.26 cm (12.14" x 3.95" x 2.86")	44.04 x 10.03 x 7.26 cm (17.34" x 3.95" x 2.86")	55.86 x 12.70 x 9.52 cm (22.0" x 5.0" x 3.75")

FTTX Solutions

Multiport Service Terminals (MST)

MST Universal Mounting Brackets and Accessories

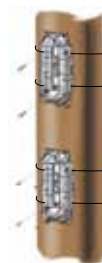
TE's MST products have a versatile mounting scheme, allowing all versions of the product to be mounted on a pole, in a pit, or to a strand in support of both aerial and below grade applications. All mounting solutions provide a robust, user friendly and cost-effective option for delivering fibre optic service drops in FTTX deployments and allow for efficient craft access to connections.



Pole Mount



Pit



Hard Pole Mount Installation

FEATURES

- Single bracket compatibility for all mounting schemes
- Designed to save time and cost, reduce complexity and necessary logistics, and streamline process of mounting MST
- Snap-in/snap-out installation easily engages/disengages MST with an audible snap engagement and single latch release, making MST readily available for drop cable connections or re-connections
- Rigid plastic structure using the same materials as MST to withstand environmental exposures, including contracting/expanding temperatures
- Bracket mounted separately, minimising risk of damage to MST
- Eliminates need for additional bracket inventory and materials in field
- Stands up under high vibration or stress created by cables placed in the MST

ORDERING INFORMATION

Description	TE Part Number
Universal Mounting Bracket	
4-Port Dielectric Cable Stub MST	MST-UMB-0204
8-Port Dielectric Cable Stub MST	MST-UMB-0608
12-Port Dielectric Cable Stub MST	MST-UMB-0012
4x3 Terminal in all Configurations	MST-UMB-4312
Strand Mount Bracket	MST-ACC-M02



Universal Mounting Brackets

DATA SHEET

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