



# FIST-MB2-T

## FIST medium fiber termination box

FIST is a Fiber Infrastructure System Technology.

The Medium Termination Box, FIST-MB2-T provides a wall-mountable environmental and mechanical protection for the FIST fiber management system that includes the functions of splicing, patching and passive component integration.

The box is typically used on a wall inside the customer's premises in the termination part of the access network.

The unit has the following features

- The box comprises a base and cover assembly
- High seal rate: IP55
- The base plate includes the cable entry/exit ports and a UMS (Universal Mounting System) profile to accommodate the different types of sub-assemblies
- Fiber splices can be managed in a single circuit or single element way
- Accessories are available for the termination of single fiber and ribbon of loose tube or slotted core cable types
- A patch panel can accommodate
  - connector adapters for all common connector types
  - Kevlar termination units (KTU's) to provide the necessary strain relief when terminating common pigtail types
  - a mix of connector adapters and KTU's

The medium box is available in 2 different versions, a termination and a splicing box. Refer to the FIST-MB2-S data sheet for more information on the medium splicing box.

## Dimensions and capacity

<b>MB2-T</b>				
Dimensions (mm)				
Height	325			
Width	220			
Depth	110			
# UMS units	8			
<b>Splicing cable to pigtail using KTU's</b>	<b>Fibers</b>	<b>Required splicing module</b>	<b>#UMS units</b>	
			<b>Occupied</b>	<b>free</b>
Single circuit splicing capacity	max. 16	1x FIST-SOSA2-8SC-X	8	0
Ribbon splicing	NA	NA	NA	NA
<b>Splicing cable to pigtail using connectors</b>	<b>Fibers</b>	<b>Required splicing module</b>	<b>#UMS units</b>	
			<b>Occupied</b>	<b>free</b>
Single circuit splicing capacity	max. 16	1x FIST-SOSA2-8SC-X	8	0
R4 splicing capacity	max. 16	4x FIST-GB2-FOR04-XX-2	8	0
R 8 splicing capacity	max. 16	4x FIST-GB2-FOR08-XX-2	6	2
R12 splicing capacity	max. 12	4x FIST-GB2-FOR12-XX-1	4	4

For more information, please refer to the FIST-MB2 ordering guide.

## Ordering information

**FIST-MB2-T-XX - X X -1**

### Box configuration

A patch panel for 16 connector adapters is always included in the FIST-MB2-T

- 00** No cable or pigtail seal glands
- 04** 1 PG21 cable gland an 1 gland to seal 4 pigtails
- 08** 1 PG21 cable gland an 2 glands to seal 4 pigtails each
- 12** 1 PG21 cable gland an 3 glands to seal 4 pigtails each
- 16** 1 PG21 cable gland an 4 glands to seal 4 pigtails each

### Inner cover locking options

- N** No inner cover
  - A** Inner cover with Tyco Electronics lock and key
  - B** Inner cover with specific customer lock and key
  - D** Inner cover with hole for Tyco Electronics lock
- (For option B consult your local sales engineer)

### Outer cover locking options

- N** No lock (i.e. 4 screws to secure the box)
  - B** Tyco Electronics lock and key no.1
  - C** Tyco Electronics lock with specific customer key number
  - D** No lock but with hole for Tyco Electronics lock
  - E** Specific customer lock or hole
- (For option C & E consult your local sales engineer)

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