

Indoor/Outdoor compact fiber optic MDU distribution terminal boxes



LB-TB-MDU series

Technetix' LB-TB-MDU-8 and LB-TB-MDU-16 compact multi-dwelling unit (MDU) termination enclosures are indoor/outdoor plastic wall or pole mount termination enclosures designed to transition from incoming fiber to fiber drops. Perfect for MDU applications for FTTH, the LB-TB-MDU-8 is capable of handling up to 8 SC adapters, and the LB-TB-MDU-16 up to 16 SC adapters. The LB-TB-MDU-8/16 are equipped with a screw secured hinged adapter tray that allows for fiber splicing, storage and optical splitter installation. The termination enclosures come with mounting hardware, cable zip ties and splice sleeves to help with installation. These termination enclosures can also be equipped with a 1x8 or 1x16 optical splitter already installed from the factory. The UV protected closure has a rubber protective gasket along the fiber entry points.



LB-TB-MDU-8
(front open view)



LB-TB-MDU-16
(front open view)

FEATURES

- 2 inlet ports, 8 or 16 output ports
- Can be ordered with 1x8 or 1x16 PLC splitter installed. Other PLC splitters can also be installed. Contact factory for special requests
- High quality impact resistance material, PC + ABS with UL94-V0 fire retardant feature
- UV protected
- Clamping for feeder cable and drop cable
- Splice area, fiber storage and management under hinged adapter tray
- Double protective cover for protecting the fibers, splice sleeves and splitters
- LB-TB-MDU-8 is IP55 rated for ingress protection
- LB-TB-MDU-16 is IP65 rated for ingress protection
- Temperature range: -40°C to +85°C (-40°F to +185°F)
- Mounting configurations: wall or pole
- Fiber bend radius control more than 40 mm (1.6")

SPECIFICATIONS

Parameter		Specification
Capacity (Max.)		12 cores
Environmental & Physical		
Cable Entrance	2x Inlets	0.5" (12.0 mm) max. diameter
Cable Output Port Capacity	LB-TB-MDU-8	8 ports, 0.2" (5.0 mm) max. diameter
	LB-TB-MDU-16	16 ports, 0.2" (5.0 mm) max. diameter
Impact Resistance		≥ 200 kg-cm/cm ² (room temperature)
Tensile Strength		≥ 2000 N/m ²
Operating Temperature		-40°C to +85°C (-40°F to +185°F)
Dimensions (H x W x D)	LB-TB-MDU-8	9.3"H x 4.9"W x 2.0"D (23.5H x 12.5W x 5.0D cm)
	LB-TB-MDU-16	8.7"H x 5.5"W x 2.2"D (22.0H x 14.0W x 5.5D cm)
Weight		1.8 lb (0.8 kg)

LB-TB-MDU series

ORDERING INFORMATION (8-PORT)

LB-TB-MDU	-	# of Ports	-	Splitter Configuration
		xx		xxx
		08 = 8 ports		000 (No splitter)
				108 (1x8 PLC splitter)

EXAMPLE:

Part # **LB-TB-MDU-08-108**

8-port distribution box with a 1x8 PLC splitter installed

ORDERING INFORMATION (16-PORT)

LB-TB-MDU	-	# of Ports	-	Splitter Configuration
		xx		xxx
		16 = 16 ports		000 (No splitter)
				116 (1x16 PLC splitter)

EXAMPLE:

Part # **LB-TB-MDU-16-116**

16-port distribution box with a 1x16 PLC splitter installed



LB-TB-MDU-8
(open)



LB-TB-MDU-16
(open and tray lifted)



LB-TB-MDU-16
(open)