MOTB-X48A
Termination Box

Description

The **MOTB-X48A** distribution box is designed to be used in distribution nodes of FTTH network, MDU building cabinet for example. It allows termination of optical cable by splicing of pigtails, including connection passive optical splitters 1:8, 1:16, 1:32 into passive fiber optic infrastructure. The ruggedized box is designed for both indoor and outdoor applications.

The **MOTB-X48A** box includes a holder for SC type coupling adapters and splice cassette for heat shrinkable or mechanical splice protection sleeves and holder for passive splitter. Provision for 2 optical fiber cables to enter and 12 smaller entries to leave the enclosure through weatherproof cable glands is provided. Outlet ports allow installation of 48 connectorized patchords.

Features

- Up to 48 drop cables
- Up to 54 simplex SC adapters
- Can accommodate up to 6 pieces 1x8, 1x16 and 1x32 PLC splitter
- Maximum capacity is 144 fibers (6 trays)
- The maximum capacity of splice trays is 24 fibers
- The oval port is for 1 loop cable or 2 cables with max Ø 20 mm
- The reserved port is for cables with max Ø 18 mm
- The twelve ports with diameter Ø 14 mm, each port can hold 4 drop cables
- Bending radius > 30 mm
- Environmental: Ingress Protection **IP54**
- Designed for Wall and Pole mount applications
- Safety lock
- Rugged and durable construction for long term reliability (UV resistance)
- Design for small and medium volumes of fiber optic cables
- Reusable
- RoHS compliance
- Dimensions: (L x W x H) 398 x 327 x 118 mm

Specification

Model No	Cable Port	Adaptors	PLC splitter
MOTB-X48A	The oval port is for 1 loop cable or 2 cables with max Ø 20 mm. The reserved port for cables with max Ø 18 mm The twelve ports with diameter Ø 14 mm, each port can hold 4 drop cables, totally 48 drop cables	54 SC adaptors	Up to 6 pieces 1x8, 1x16 or 1x32 PLC splitter

Ordering code

MOTB -X48A   -   XX   -   XX X   -   (AA)

# of Adaptors	Adaptors Type			Optional Accessories	
Up to 54	**SC**	SC	**M** Multimode	**WM**	Wall Mounting Kits[1]
	DLC	LC duplex	**S** Single mode	**PM**	Pole Mounting Kits[2]
			A APC		
			X No adaptors		

Note:
1) WM = As standard accessories
2) PM = Item on request (Pole Mounting Kits)

MOTB-X48A-40-DLC S closed

MOTB-X48A-40-DLC S opened