

Amphenol Broadband Solutions offers a comprehensive solution for Multiple Dwelling Unit (MDU) applications based on our Layered Fiber Demarcation box (LFD). This product set includes the LFD indoor wall-mount enclosure with 12 fiber Multi-fiber Push On (MPO) to SC/APC fanouts and MPO adapters.

The Layered Fiber Demarcation box with MPO connectors provides a quick and easy method for field connection of multiple fibers that eliminates the equipment and labor resources required for fiber splicing. It provides a pre-connectorized solution to enable rapid MDU deployments.

This product is part of an MPO system solution from ABS that ensures end-to-end mating compatibility. The LFD utilizes industry standard 12-fiber MPO-male connectors attached to MPO opposed key adapters. This enclosure is then interconnected with one of ABS's MPO cable assemblies that uses 12-fiber MPO-female connectors.



LFD 24 with MPO Connectors

Features:

- Four carrier cable entry ports – with rubber grommets
- Two customer cable exit ports – rubber grommets top and bottom for patchcord or multifiber cable exit
- Powder coated aluminum housing
- Security bolts and provisions for padlocks provided for each housing layer/door
- MPO connectors eliminate the need for fiber splicing
- Cable sheath and strength member clamping
- Carrier side and customer side door labels and individual adapter labeling
- Easy wall mounting, template and hardware included
- Grounding and ground feed-through options
- Vertical and layered enclosure orientation allows for improved mounting flexibility and density

Specifications	B Size (24 Fiber)
Fanout Capacity	2
Fanout Input Connector	12 Fiber MPO-Male
Fanout Output Connectors	SC/APC
MPO Adapter Capacity	2 (opposed key)
Enclosure Dimensions	9"W x 14"L x 5.5"D
Enclosure Material	Lightweight aluminum, powder coated - Grey

Ordering Information:

Part Number	Description
ASBLFD1024721-0001	Layered Fiber Demarcation Box, 24F Capacity, (2) Single Cable Retention Brackets, (2) Fanouts with 12 Fiber MPO-Male to 12 SC/APC Connectors, (2) 12 Fiber SM SC/APC Adapter Panels, (2) MPO Adapters Opposed Key Configuration: ASBLFD-BPR-HN-S724C-3ENN
ASBLFD1025035	Layered Fiber Demarcation Box, 24F Capacity, (2) Single Cable Retention Brackets, (1) Fanout with 12 Fiber MPO-Male to 12 SC/APC Connectors, (1) 12 Fiber SM SC/APC Adapter Panel, (1) MPO Adapter Opposed Key. Fanouts and Adapters are Factory Installed Configuration: ASBLFD-BPR-HN-S712C-AENN
ASBLFD1025036	Layered Fiber Demarcation Box, 24F Capacity, (2) Single Cable Retention Brackets, (2) Fanouts with 12 Fiber MPO-Male to 12 SC/APC Connectors, (2) 12 Fiber SM SC/APC Adapter Panels, (2) MPO Adapters Opposed Key. Fanouts and Adapters are Factory Installed Configuration: ASBLFD-BPR-HN-S724C-AENN
ASBACC1025073	Accessory Kit, (1) Fanout with 12F MPO-Male to 12 SC/APC Connectors, (1) 12 Fiber SM SC/APC Adapter Panel, (1) MPO Adapter Opposed Key