

Amphenol Broadband Solutions offers a Layered Fiber Demarcation box designed for high-density fiber connectivity and splicing for indoor wall mount applications.

This compact demarcation fiber enclosure can accommodate SC and LC style adapters and mass fusion splice sleeve holders or splice trays for single-fiber splice sleeves. Incorporated in a layered, split-housing design are separate carrier and customer areas with individual security bolts and padlock hasps. The flexible enclosure layout enables a variety of splicing and patching combinations as well as cable entrance/exit ports top and bottom.



Fiber Indoor Demarc Box - 24 Fiber



Fiber Indoor Demarc Box - 48 Fiber



Fiber Indoor Demarc Box - 72 Fiber

Features:

- Two or four carrier cable entry ports – available with compression seals or rubber grommets
- Two customer cable exit ports – rubber grommets top and bottom
- Powder coated aluminum housing
- Security bolts and provisions for padlocks provided for each housing layer/door
- Configurations for ribbon and LBT cable types and splicing methods
- Removable splice sleeve module(s) or splice trays
- Cable sheath and strength member clamping
- Carrier side and customer side labels and individual adapter labeling
- Easy wall mounting; template and hardware included
- Grounding and ground feed-through options
- Pre-installed adapters and 12 fiber single mode fanouts
- Vertical and layered enclosure orientation allows for improved mounting flexibility and density

Specifications

Connector Style	SC or LC		
Adapter Capacity	24	48	72
Connectivity Type	12 Fiber Single Mode Fanouts		
Splice Capacity	Four, 12-Fiber Ribbons		Eight, 12 Fiber Ribbons
Enclosure Dimensions	9"W x 14"L x 5.5"D	9"W x 16.7"L x 8.1"D	14.1"W x 14.8"L x 7"D
Enclosure Material	Lightweight Aluminum, Powder Coated - Grey		

Configuration Generator:

ASBLFD - A B R - H C - DD EE C - 1 F NN

A: Box Size and Capacity

- B = Small (24 fiber patch capacity)
- C = Medium (48 fiber patch capacity)
- D = Large (72 fiber patch capacity)

B. Splice Side Port Sealing

- R = Four rubber grommets and one single cable retention clamp
- P = Four rubber grommets and two single cable retention clamps
- T = Four rubber grommets with four single cable retention clamps
- 1 = One compression seal [0.19" (4.8mm) to 0.68" (17.3mm) cable OD], one single cable retention clamp

C. Grounding

- N = No grounding components
- A = One ground feed-thru lug with solid shaft
- L = One ground feed-thru lug with hole
- S = One ground feed-thru lug with hole, one B-bond and one stranded #6 AWG jumper ground wire (cable to box/feed-thru ground)
- D = Two ground feed-thru lugs with hole, two B-bonds and two stranded #6 AWG jumper ground wire (cable to box/feed-thru ground)

DD. Adapter / Connector Type

- S 2 = SC/UPC
- S 7 = SC/APC
- 2 1 = LC/UPC
- 2 6 = LC/APC

EE. Adapter Quantity

- 1 2 = Twelve adapters
- 2 4 = Twenty-four adapters
- 4 8 = Forty-eight adapters (48 and 72 fiber boxes only)
- 7 2 = Seventy-two adapters (72 fiber boxes only)

F. Splice Configuration

- M = Ribbon Splicing: One MF* splice module included (24f and 48f boxes); two MF modules included (72 fiber box)
- 1 = Single Fiber Splicing: One medium sized splice tray with two SF** splice modules included (24 fiber box)
- 2 = Single Fiber Splicing: Two medium sized splice trays with two SF** splice modules included in each tray (24 fiber box)

Note: *MF (Mass Fusion) splice modules have a 4 sleeve capacity
 ** SF (single Fusion) splice modules have a 12 sleeve capacity

Note:

Every Layered Fiber Demarcation box comes equipped with single mode 12 fiber fanouts; quantity is determined by the splice configuration. Additional Layered Fiber Demarcation box configurations may be available. Please contact Customer Service or your sales representative for further information.

Part Number	Description
ASBACC1020236	Splice Sleeve Pk, 60mm Length (100/pk)
ASBACC1020237	Splice Sleeve Pk 40mm Length (100/pk)
ASBACC1021223	Ground Kit: Ground Lug with Hole, 6" Ground Wire, Mini B-Bond
ASBACC1021890	Ground Kit: Ground Lug with Solid Shaft, 6" Ground Wire, Mini B-Bond
ASBACC1021892	SC/UPC 12F Tubed Ribbon Fanout with Adapters & Bracket
ASBACC1023932	SC/APC 12F Tubed Ribbon Fanout with Adapters & Bracket
ASBACC1022960	Splice Module Mass Fusion (2/Kit)
ASBACC1023915	Splice Module Single Fusion (2/Kit)
ASBACC1023188	Dual Cable Retention Bracket Kit
ASBACC1023924	Cable Port and Compression Seal Kit
ASBACC1021894	Rubber Pigtail Grommet - Short for LFD 24 - 4/Kit
ASBACC1021895	Rubber Pigtail Grommet - Long for LFD 48 and 72 - 2/Kit