Amphenol Broadband Solutions

Amphenol Broadband Solutions has released a third-generation fiber demarcation wall-mount enclosure that provides improved access and versatility for a variety of indoor applications.

An integrated access door on the customer side of the enclosure provides a generous opening for a cleaning tool to reach the optical connectors resulting in a more craft-friendly design. The access door can be opened by-hand without the use of tools.

Splice trays are configurable to accommodate splices and discrete passive components, such as; splitters and WDM filters, as well as High Density optical modules. The center demarcation panel enables HiD4 High Density optical passive cassettes or Mini-LGX cassettes to be installed along with traditional connector bulkhead panels.

The FDE enclosure will accommodate both SC and LC style connectors in LGX® compatible bulkhead panels and provides an ideal environment for splicing and patching when building, maintaining and storing your vital network connection points.

Fiber Demarcation
Enhanced Access Box (FDE)

Inside   Outside
Access Door View

Features:

- Access door on customer side allows easy cleaning tool access to optical ports
- Bulkhead accepts up to 24 SC or 48 LC adapters as well as passive cassettes
- Fanouts terminated with an MPO connector can be installed on the splice tray
- Layered fiber routing separates cable tubes from buffered fibers
- Two carrier cable entry ports with rubber grommets
- Powder coated aluminum housing
- Two customer cable exit ports with rubber grommets top and bottom for patchcord or multi-fiber cable exit
- Grommet allows pigtails to be placed in the box after termination, one-at-a-time or as a group
- Grounding and ground feed-through components
- Security bolts and provisions for padlock hasps provided for both doors
- Cable sheath clamps for carrier cables
- Customer side port map label plus identification card enable clear designation for each port
- Easy wall mounting; template and hardware included

LGX® is a registered trademark of OFS FITEL, LLC

amphenolbroadband.com | **Customer Service:** 877-272-4984

Specifications	
Adapter Capacity, SC Simplex	Up to 24 (Two 12 position bulkhead panels)
Adapter Capacity, LC Duplex	Up to 48 (Two 12 position duplex bulkhead panels)
Dimensions	13.0"W x 11.9"H x 3.8"D
Splice Tray Capacity	2
Splice Capacity	24 Single Fusion per Splice Tray 8 Mass Fusion per Splice Tray*
Material	Aluminum Powder coated - Light Grey
(*) Splice holder capacity. It is not recommended to use small "A" sized tray for 12F ribbon storage or crossover routing.	

Optical Port Cleaning Tool use with FDE

Configuration Generator:

ASBFDE - B [A | B] - [C | D] - [E | E | F | F] - [G | H]

A. Provider / Splice-Side Cable Ports
S = Rubber grommets installed (2), single cable retention plates installed (2)
D = Rubber grommets installed (2), dual cable retention brackets (2)
C = Rubber grommets installed (2), central strength member brackets (2)

B. Customer Cable Ports
R = 2 rubber grommets installed
S = 2 rubber grommets installed, (1) corrugated conduit seal retention bracket not installed

C. Door Lock
N = Base Configuration - 216 security bolt on each door
H = Base config plus padlock hasp (provider side only)
Note: Key locks are also available as accessories (for both sides)

D. Grounding
N = No grounding components
L = Ground feed-thru lug (box to external ground)
S = Ground feed-thru lug (1), mini B-bond (1), stranded #6 AWG jumper ground wire (1) (cable to box/box to external ground)

EE. Adapter / Connector Type
S 2 = SC/UPC Singlemode Simplex
S 7 = SC/APC Singlemode Simplex
2 1 = LC/UPC Singlemode Duplex
2 6 = LC/APC Singlemode Duplex

FF. Adapter Panel Configuration & Quantity
6 1 = 6 position LGX SC simplex or LC duplex style panel, qty 1
6 2 = 6 position LGX SC simplex or LC duplex style panel, qty 2
C 1 = 12 position LGX SC simplex or LC duplex style panel, qty 1
C 2 = 12 position LGX SC simplex or LC duplex style panel, qty 2
Note: When adapter plates with quantity 1 are chosen above, a 2nd blank adapter plate will be provided.

G. Pigtail Type
A = 900mm SM pigtails
C = 12 fiber SM ribbon fanout terminated with MPO-male connector and MPO adapter

H. Tray Configuration
A = One A sized splice tray with one SF* splice module included
B = Two A sized splice trays with one SF* splice module included
C = One A sized splice tray with one MF** splice module included
1 = One A sized splice tray with two SF splice modules inlcuded
2 = Two A sized splice trays with two SF splice modules inlcuded on each tray
3 = One A sized splice tray with one SF splice module and one MF splice module

Notes: Additional tray configurations may be available, contact your sales representative for details

* SF modules have a 12 splice sleeve capacity and can also accommodate FBT splitter devices

** MF modules provide mounting for WDM filter or planar splitters (up to 4 devices per module)

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, Ground Wire, Mini B-Bond
ASBACC1021890	Ground Kit: Ground Lug with Solid Shaft, Ground Wire, Mini B-Bond
ASBACC1021894	Rubber Pigtail Grommet - Short (4/kit)
ASBACC1023915	Splice Module Single Fusion (2/kit)
ASBACC1022960	Splice Module Mass Fusion (2/kit)
ASBACC1021889	Accessory Kit, Cable Strength Member Bracket
ASBACC1023188	Dual Cable Retention Bracket Kit
ASBACC1023916	FD2 Door Padlock Hasp Kit
ASBACC1023922	Pigtail Plate with Mounting Hardware
ASBACC1023923	Cable Port - Conduit Seal
ASBACC1023924	Cable Port and Cable Gland
ASBACC1023925	Cable Port - Blank
ASBACC1023927	SC/APC Pigtails 1-6 Accessory
ASBACC1023926	SC/APC Pigtails 7-12 Accessory
ASBACC1023936	SC/UPC Pigtails 1-6 Accessory
ASBACC1023935	SC/UPC Pigtails 7-12 Accessory
ASBACC1023930	LC/UPC Pigtails two sets 1-12 Accessory
ASBACC1023931	LC/APC Pigtails two sets 1-12 Accessory
ASBACC1023928	LC/UPC Pigtails 1-12 Accessory
ASBACC1023929	LC/APC Pigtails 1-12 Accessory
ASBMMB1021482	SC/UPC Simplex SM 6Pk Panel Assembly
ASBMMB1021483	SC/APC Simplex SM 6Pk Panel Assembly
ASBMMB1021485	LC/UPC Duplex SM 6Pk Panel Assembly
ASBMMB1021486	LC/APC Duplex SM 6Pk Panel Assembly
ASBMMB1021488	SC/UPC Simplex SM 12Pk Panel Assembly
ASBMMB1021489	SC/APC Simplex SM 12Pk Panel Assembly
ASBMMB1023933	LC/UPC Duplex SM 12Pk Panel Assembly
ASBMMB1023934	LC/APC Duplex SM 12Pk Panel Assembly
ASBMMB1024709	Blank, Panel Assembly, Narrow Width