



## Fiber Demarcation Box (Indoor)

All Systems Broadband offers a new line of products designed to enable quick and easy fiber splicing and connectivity for indoor wall mount applications.

These demarcation fiber boxes can accommodate SC style adapters and multiple fiber splice trays. Incorporated in the design are a center bulkhead and two separate removable doors, each of which may be secured with its own lock. The flexible box layout enables a variety of splicing and patching combinations.



### SPECIFICATIONS:

	<u>FDB-A</u>	<u>FDB-B</u>
<b>Adapter Capacity:</b>		
SC Simplex:	12	24
<b>Dimensions:</b>		
Width:	12.5"	12.5"
Height:	11.0"	15.5"
Depth:	3.5"	4.6"
<b>Splice Tray Capacity:</b>	2	4
<b>Splice Capacity:</b>	24 Single Fusion per Splice Tray 8 Mass Fusion per Splice Tray	
<b>Material:</b>	Aluminum Powder Coated – Light Grey	

### FEATURES:

- Two OSP Cable entry points - top and bottom
- Two jumper entry points – top and bottom
- Removable foam sealed doors
- Cable sealing (compression seal, slide lock and rubber grommet)
- Powder coated aluminum housing
- Latches and provisions for padlocks provided on each door
- Hinged / removable splice trays
- Cable strain relief anchor points
- Cable strength member anchor points
- Easy wall mounting, hardware included
- Flexible configuration options available
- Grounding and ground feed-through options
- In some configurations, splice trays may be configured to accommodate passive devices such as CWDM Modules measuring up to 6mm X 35mm x 60mm - contact your sales representative for details

Note: Specifications subject to change at All Systems Broadband discretion.

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877-ASB-4984 (877-272-4984)  [www.allsystemsbroadband.com](http://www.allsystemsbroadband.com)



### DESCRIPTION GENERATOR:

A.SBFDDB - 

A
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B
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C
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 - H 

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EE
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FF
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 6 - A 

G
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#### A. Box Size

A = Small (12f SC Patch Capacity)  
 B = Medium (24f SC Patch Capacity)

#### B. Splice Side Sealing

1 = One compression seal (0.26" to 0.44" cable OD), one cable clamp, one cable strength member tie-down  
 2 = Two compression seals (0.26" to 0.44" cable OD), two cable clamps, two cable strength member tie-downs

#### C. Customer Side Sealing

A = One U-slide for corrugated conduit (1.0" ID) or one 30mm pigtail grommet (included), one D-slide port cover  
 B = Two U-slides for corrugated conduit (1.0" ID) or two 30mm pigtail grommets (included)

#### D. Grounding

N = No grounding components  
 S = One ground feed-thru, one B-bond and one stranded #6 AWG jumper ground wire (cable to box/feed-thru ground)  
 T = One ground feed-thru, two B-bonds and two stranded #6 AWG jumper ground wires (cable to box /feed-thru ground)  
 G = One B-bond, one #6 solid ground wire and one ground wire grommet (cable to external ground)  
 H = Two B-bonds, two #6 solid ground wires and one ground wire grommet (cable to external ground)

#### EE. Adapter / Connector Type

S 2 = SC/UPC  
 S 7 = SC/APC

#### FF. Adapter Quantity

0 6 = Six adapters  
 1 2 = Twelve adapters  
 1 8 = Eighteen adapters (B sized box only)  
 2 4 = Twenty-four adapters (B sized box only)

*Note: Retainer quantities supplied are determined by adapter quantities ordered*

#### G. Tray Type and Quantity

A = One A-sized splice tray with one SF\* splice module included  
 B = Two A-sized splice trays with one SF splice module included per tray  
 C = One A-sized splice tray with one MF\*\* splice module included  
 1 = One A-sized splice tray with two SF splice modules included  
 2 = Two A-sized splice trays with two SF splice modules included on each tray  
 3 = One A-sized splice tray with one SF splice module and one MF splice module  
 4 = One A-sized splice tray with one SF splice module and one M2\*\*\* component module

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

\* SF (Single Fusion) splice modules have a 12 sleeve capacity  
 \*\* MF (Mass Fusion) splice modules have a 4 sleeve capacity  
 \*\*\* M2 component modules are designed for 6mm x 29mm housings

#### Notes:

-Every Fiber Demarcation Box comes equipped with 900um color coded pigtails; quantity is determined by the adapter quantity.  
 -Additional Fiber Demarcation Box configurations may be available. Please contact Customer Service or your sales representative for further information.

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