

# OmniReach® FTTX Solutions

## Fiber Splitter Box (FSB)



ADC KRONE's new OmniReach® Fiber Splitter Box (FSB) enables customers to accelerate their FTTX deployments more effectively and is an ideal solution when deploying FTTX networks in non-residential Multiple Tenant Unit (MTU) and residential Multiple Dwelling Unit (MDU) applications.

These wall boxes provide a small footprint for splitting, splicing and terminating and are environmentally rated for indoor or outdoor use. Available in three sizes, each box is equipped with a 12-fiber splice tray allowing for an input splicing option. FSBs accept standard plug and play (PNP) splitters (the same as in the Fiber Distribution Hub 3000) and splitters can be easily added after the wall box has been installed. FSBs accommodate 1x4, 1x8, 1x16 and 1x32 splitters and up to 72 fibers.

FSBs offer increased efficiency within distinct FTTX network applications. Featuring a compact solution for wall mounting, these boxes provide a significant space savings while maintaining hand access to connectors. The unique swing frame design also allows for easy access to the back section of the wall box. For use in MTUs, as well as garden style, mid-rise and high-rise MDU buildings, FSBs allow for a de-centralized MDU-ONT (Optical Network Termination) architecture and offer an economical solution for MTU/MDU applications where a larger sized FDH is not economical, for example in retail and rural areas.

TECHNICAL DATA



### Technical Assistance

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## Fiber Splitter Box (FSB)

### FSB-16 - Indoor/Outdoor Enclosure



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#### Features and Benefits

- Accommodates up to 16 ports
- Rated for indoor or outdoor use
- Traditional swing frame design allows for access to the back section of the wall box
- Splitter can be easily installed after wall box installation
- Standard 12-fiber splice tray allows for input splicing option
- Output pigtails can either be stored internally or routed externally for MDU-ONT connection
- Accepts standard plug and play splitter (same as FDH 3000)

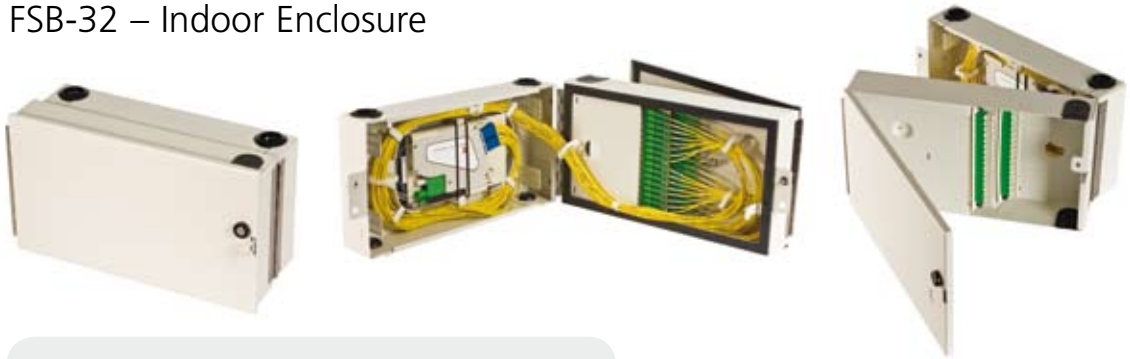
#### Specifications

<b>Installation Type:</b>	Indoor/Outdoor
<b>Fiber Count (Full):</b>	16
<b>Parking Ports:</b>	0
<b>Splitter/WDM Ports:</b>	1
<b>Splice Trays:</b>	(1)12-fiber
<b>Rating:</b>	IP66 and IP54
<b>Height:</b>	229mm
<b>Width:</b>	229mm
<b>Depth:</b>	89mm

# OmniReach® FTTX Solutions

## Fiber Splitter Box (FSB)

### FSB-32 – Indoor Enclosure



#### Features and Benefits

- Dual hinge design creates separation between rear splitter section and front customer side access
- Splitters can be easily installed after wall box installation allowing for separate purchase
- Standard 12-fiber splice tray allows for input splicing option
- Accommodates up to 32 splitter ports for one splitter module
- Dual hinge provides small footprint on the wall while maintaining excellent hand access to connectors
- Accepts standard plug and play splitter (same as FDH 3000)

#### Specifications

<b>Installation Type:</b>	Indoor
<b>Fiber Count (Full):</b>	32
<b>Parking Ports:</b>	0
<b>Splitter/WDM Ports:</b>	1
<b>Splice Trays:</b>	(1)12-fiber
<b>Rating:</b>	IP54
<b>Height:</b>	203mm
<b>Width:</b>	330mm
<b>Depth:</b>	127mm

### FSB-72 – Outdoor Enclosure



#### Features and Benefits

- Traditional swing frame design allows for access to the back section of the wall box
- Splitter can be easily installed after wall box installation
- Standard 12-fiber splice tray allows for input splicing option
- Accommodates up to three plug and play splitter modules
- 72 port capacity with built-in 32-port parking
- Easily wall mounts to buildings
- Accepts standard plug and play splitter (same as FDH 3000)

#### Specifications

<b>Installation Type:</b>	Outdoor
<b>Fiber Count (Full):</b>	72
<b>Parking Ports:</b>	32
<b>Splitter/WDM Ports:</b>	3
<b>Splice Trays:</b>	(5)12-fiber
<b>Rating:</b>	IP66
<b>Height:</b>	330mm
<b>Width:</b>	483mm
<b>Depth:</b>	254mm

**Catalog Number**  
**FSB-** 1 2 3 4 5 6 7 8 9 10 11

**1 Configuration**

S	Standard
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**2 Enclosure Type**

Code	Description	Capacity	Size (HxWxD)
B	Indoor FSB-32	32-Fiber	203x330x127 (mm)
G	Outdoor FSB-72	72-Fiber	330x483x203 (mm)
H	Indr/Outdr FSB-16	16-Fiber	229x229x89 (mm)

**3 Connector Type**

J	SC/APC
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**4 Splice Tray (Feeder Side)**

2	Heat Shrink Fusion
3	Mechanical/Ribbon
0	No Splice Tray

**5 Fiber Count (Distribution)**

12	12 Fibers
16	16 Fibers
32	32 Fibers
48	48 Fibers
72	72 Fibers

**6 Splitter Type Installed**

0	None Installed
A	1x32 Standard
C	1x16 Standard
G	2x32 Standard
J	1x8 Standard
L	Dual 1x8 Standard
M	Dual 1x16 Standard
N	1x4 Standard
P	2x16 Standard
U	Dual 1x4 Standard

**7 Splitter Qty Installed**

0	None
1	One (1) Installed
2	Two (2) Installed
3	Three (3) Installed

**11 Key Locks**

0	None (Pad Lock Ready)
A	Front Lock 1, Rear Lock 1
B	Front Lock 1, Rear Lock 2
C	Front Lock 1, No Rear Lock
D	Rear Lock 2, No Front Lock

**10 Feeder Fiber Count**

0	No Stub
2	2 Fibers
4	4 Fibers
6	6 Fibers
8	8 Fibers

**9 Feeder Cable Length**

000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

**8 Cable Type (Feeder Cable)**

Adapters	
0	Adapters Only (No Pigtail for Feeder)
Pigtails	
A	Splice Ribbon Pigtail Assy
C	Splice Pigtails (900 Micron)
Stubs	
S	Ribbon OSP Cable
R	Ribbon IFC Cable
T	Loose Tube OSP Cable
V	Loose Tube IFC Cable
M	900um IFNR Cable



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