

# VERTIV™ BBE FDP SERIES

Broadband Edge Enclosures



## KEY FEATURES

- Unique internal back-to-back dual compartment configuration (fiber splice and drops housed in separate sides) for good housekeeping.
- Splices can be housed in either an open or weather-tight non-metallic closure for a low cost, field-upgradeable open-to-closed solution.
- Choice of standard or environmentally hardened SC/APC adapters to simplify servicing.
- Full perimeter flange provides buffer tube protection.
- Up to 10.5 feet mid-span slack storage (144-fiber loose tube) for easy service access.
- Grommets for up to 20 individual drop cables maximize drop capacity.
- Independent cable strain relief for secured pull-out strength maintains fiber cable integrity.
- Radius limiting spools improve fiber management and reduce chance of signal loss.
- Adjustable splice tray brackets hold up to nine splice trays 5.1" wide by 12.0" high to maximize the amount of splices in one pedestal.

The Vertiv™ BBE FDP Series permit fiber splicing, improve cable organization and house environmentally hardened drop connections in FTTP applications.

## Description

The Vertiv BBE FDP Series of optical splice and distribution products permits fiber splicing and improves cable organization. Fiber distribution closures come in two sizes to fit into an 8 or 10-inch Pro Series pedestal.

For protection against the elements debris and insects, snap-on covers can be added to the closures (closed architecture).

Both size closures have the following capabilities:

- Single-sided optical splicing with open or closed architecture.
- Double-sided optical splicing with open/open, open/closed or closed/closed architecture.
- Back-to-back optical splicing and terminated drops with open/open, open/closed or closed/closed architecture.
- Fiber distribution pedestal solution includes the fiber distribution closure factory-installed in the Pro Series pedestal.

## Application

Vertiv BBE fiber distribution pedestals and closures provide a configurable platform for diverse FTTP deployment.



Front  
Spliced-Drop Side

Rear  
Spliced Side

Vertiv BBE FDP Series  
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**Vertiv™ BBE Fiber Distribution Closure**

- Fiber splices and drops are housed in separate compartments.
- Environmentally hardened or standard SC/APC adapters are available.
- An optional weather-tight cover can be snapped on for added environmental protection.
- Full perimeter flange to protect fiber.
- Accommodates up to nine splice trays.
- Internal radius limiting spools.
- Up to 10.5 feet midspan slack storage (144-fiber loose tube).
- Grommets for up to 12 individual drop cables.
- Independent cable strain relief.



*Fiber Distribution Closure  
(shown with environmentally hardened drops)*

**Vertiv BBE Integrated Fiber Distribution Pedestal**

- Factory pre-configured Fiber Distribution Closure and Pro Series pedestal solution.
- Back-to-back configuration eliminates the need for a hand hole/vault and splice case.

**Technical Specifications**

FIBER DISTRIBUTION CLOSURE	PRO8	PRO10
Optical Splicing		
<b>Open Configuration</b>		
Number of cable tie points	6	10
<b>Closed Configuration</b>		
Grommets for up to 0.67" OD cable	0	2
Grommets for up to 0.75" OD cable	2	0
Grommets for up to 0.98" OD cable	0	2
Grommets for flat drop cable (or up to 0.45" OD cable)	4	5
Splice tray capacity	6 (or up to 2.50" stack) up to 12.0" H x 4.5" W	9 (or up to 3.60" stack) up to 12.0" H x 5.1" W
Midspan fiber storage	10.5 feet (up to 96-fiber loose tube)	10.5 feet (up to 144-fiber loose tube)

## Technical Specifications (continued)

FIBER DISTRIBUTION CLOSURE	PRO8	PRO10
<b>Drop Capabilities</b>		
<b>Terminated Drops</b>		
Number of hardened drop ports	2, 4 or 6 ports	2, 4, 6, 8 or 12 ports
Number of standard SC/APC drop ports	2, 4, 6 or 8 ports	2, 4, 6, 8 or 12 ports
SC APC pigtail, 3 mm	3 meter	3 meter
<b>Spliced Drops</b>	Up to 8	Up to 12
<b>Back-to-Back Optical Splicing</b>		
<b>Open Back-to-Back Splice Configuration</b>		
Number of cable tie points	8	12
<b>Closed Back-to-Back Drop Configuration</b>		
Grommets for flat drop cable (or up to 0.45" OD cable)	8	12
Splice tray capacity	6 (or up to 2.50" stack) up to 12.0" H x 4.5" W	9 (or up to 3.60" stack) up to 12.0"H x 5.1"W
<b>SPLICE TRAY</b>		
<b>NSST2448E (F1010586)</b>		
Dimensions (H x W x D)	10.63" x 4.50" x .45"	
Splice Capacity	24 single fusion or 4 mass fusion (48 fibers)	
Entry Ports	(10) buffer tube ports	
Material	Molded plastic base, clear plastic cover	
Accessories (included)	(2) 12-position single fusion splice holder (2) 4-position mass fusion splice holder (10) tie wraps	

## Ordering Matrix: NS a b c d

DESCRIPTION	VALUE	
a) Pedestal Options	FDP8	= Pro8 integrated fiber distribution pedestal (short base) with fiber distribution closure
	FDC8	= Pro8 fiber distribution closure only (8-in Pro Series pedestal sold separately)
	FDP10	= Pro10 integrated fiber distribution pedestal (short-base) with fiber distribution closure
	FDC10	= Pro10 fiber distribution closure only (10-in Pro Series pedestal sold separately)
	FDP10V	= Pro10 integrated fiber distribution vault pedestal with fiber distribution closure*
b) Rear-Side Configuration	SO	= Splice, open
	SC	= Splice, closed**
	X	= Empty (for front side splicing only)

Ordering Matrix: NS a b c d (continued)

DESCRIPTION	VALUE	
c) Front-Side Configuration	SO	= Splice, open
	SC	= Splice, closed**
	2O	= Open, 2-port OptiTap™ style environmentally hardened adapter
	4O	= Open, 4-port OptiTap style environmentally hardened adapter
	6O	= Open, 6-port OptiTap style environmentally hardened adapter
	8O	= Open, 8-port OptiTap style environmentally hardened adapter (available in Pro10 size only)
	12O	= Open, 12-port OptiTap style environmentally hardened adapter (available in Pro10 size only)
	2C	= Closed, 2-port OptiTap style environmentally hardened adapter**
	4C	= Closed, 4-port OptiTap style environmentally hardened adapter**
	6C	= Closed, 6-port OptiTap style environmentally hardened adapter**
	8C	= Closed, 8-port OptiTap style environmentally hardened adapter (available in Pro10 size only)**
	12C	= Closed, 12-port OptiTap style environmentally hardened adapter (available in Pro10 size only)**
	2OB	= Open, 2-port standard SC/APC adapter
	4OB	= Open, 4-port standard SC/APC adapter
	6OB	= Open, 6-port standard SC/APC adapter
	8OB	= Open, 8-port standard SC/APC adapter
	12OB	= Open, 12-port standard SC/APC adapter (available in Pro10 size only)
	2CB	= Closed, 2-port standard SC/APC adapter*
	4CB	= Closed, 4-port standard SC/APC adapter*
	6CB	= Closed, 6-port standard SC/APC adapter*
8CB	= Closed, 8-port standard SC/APC adapter*	
12CB	= Closed, 12-port standard SC/APC adapter (available in Pro10 size only)*	
U	= Universal mounting plate (for mounting a fiber terminal block; terminal block not included)	
d) Splice Tray Option	1	= One splice tray included, NSST2448E (F1010586)
	X	= No splice tray included

\* See Table A for recommended vault manufacturers.

\*\* Includes door and bottom plate to create a weather-tight enclosure.

Example: Catalog number NSFDP10SC4OX represents a Vertiv™ BBE Pro10 integrated fiber distribution closure with short-base pedestal configured for closed splicing, opened 4-port environmentally hardened adapter drops, no splice tray included.



Pro Series Pedestal



Universal Splice Tray

Ordering Information

CATALOG NUMBER	PART NUMBER	DESCRIPTION	UOM	STD. PACKAGE QUANTITY
<b>Pro Series Pedestals (Empty)</b>				
PRO8HIRNGE	F1006564	8-in. non-metallic split base pedestal with integral spade, empty		
PRO8HSRNGE	F1006565	8-in. non-metallic split base pedestal, empty		
PRO10HIRNGE	F1006527	10-in. non-metallic split base pedestal with integral spade, empty		
PRO10HSRNGE	F1006528	10-in. non-metallic split base pedestal, empty		
PRO10NEVP	F1008255	10-in. fiber vault pedestal, empty		
<b>Accessories</b>				
NSST2448E	F1010586	Universal splice tray, 24 single fusion or 4 mass fusion (48 fibers)	Each	10
NSEHAAKIT	F1007858	Environmentally hardened adapter kit includes: (1) OptiTap style adapter and (1) 3 mm SC/APC fiber pigtail 3 m long	Each	10
NSASCKIT3	F1008253	Standard SC/APC adapter kit includes: (1) Standard SC/APC adapter and (1) 3 mm SC/APC fiber pigtail 3 m long	Each	10
MS1332	F602132	32-in. mounting stake for pedestal	Each	10
MS1342	F604080	42-in. mounting stake for pedestal	Each	10



Environmentally Hardened Adapter Kit