

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

Description

The NetSpan 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 ProFORM® 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 ProFORM® pedestal.

Application

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



Front
Spliced-Drop Side

Rear
Spliced Side

NetSpan FDP Series
Broadband Edge Enclosures

NetSpan™ 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)*

NetSpan Integrated Fiber Distribution Pedestal

- Factory pre-configured Fiber Distribution Closure and ProFORM® 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		
Open Configuration		
Number of cable tie points	6	10
Closed Configuration		
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
Drop Capabilities		
Terminated Drops		
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
Spliced Drops	Up to 8	Up to 12
Back-to-Back Optical Splicing		
Open Back-to-Back Splice Configuration		
Number of cable tie points	8	12
Closed Back-to-Back Drop Configuration		
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
SPLICE TRAY		
NSST2448E (F1010586)		
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 ProFORM® pedestal sold separately)
	FDP10	= Pro10 integrated fiber distribution pedestal (short-base) with fiber distribution closure
	FDC10	= Pro10 fiber distribution closure only (10-in ProFORM 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 NetSpan™ Pro10 integrated fiber distribution closure with short-base pedestal configured for closed splicing, opened 4-port environmentally hardened adapter drops, no splice tray included.



ProFORM Pedestal



Universal Splice Tray

Ordering Information

CATALOG NUMBER	PART NUMBER	DESCRIPTION	UOM	STD. PACKAGE QUANTITY
ProFORM® Pedestals (Empty)				
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		
Accessories				
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