

■ Outside Plant for
Business-Critical Continuity™

NetSpan™ FDP Series
Integrated Fiber Distribution Pedestal Solution





Features & Benefits

- **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 midspan 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

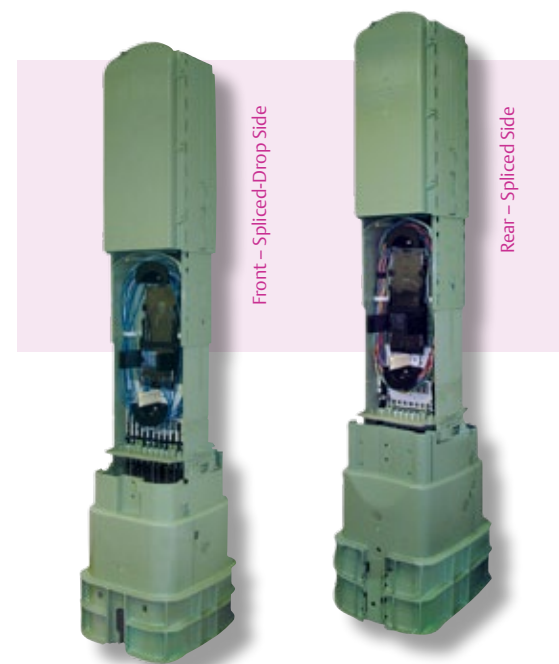
Emerson Network Power offers a variety of NetSpan™ Series Fiber Distribution Pedestals and Closures to meet your needs.

Description

The NetSpan™ FDP Integrated Fiber Distribution Pedestal Solution 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, open or closed architecture
- Double-sided optical splicing, open/open, open/closed or closed/closed architecture
- Back-to-back optical splicing and terminated drops, open/open, open/closed or closed/closed architecture
- Our Fiber Distribution Pedestal solution includes the Fiber Distribution Closure factory-installed in the ProFORM® pedestal.

These pedestals and closures are now RDUP approved.



*NetSpan FDP Series
Integrated Fiber Distribution Pedestal Solution*

Emerson Network Power —
a complete spectrum of best-in-class reliable
power, precision environmental and connectivity
solutions for today's telecommunications
and data network infrastructure

Application

NetSpan™ Fiber Distribution Pedestals and Closures provide a configurable platform for diverse FTTP deployment.



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



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

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



Fiber Distribution Closure Specifications

	Pro8	Pro10
Optical Splicing		
Open Configuration		
Number of cable tie points	6	10
Closed-Drop Configuration		
Grommets for up to 0.90" OD cable	2	2
Grommets for flat drop cable (or up to 0.54" OD cable)	4	8
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)
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, 3mm	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 up to 0.90" OD cable	0	0
Grommets for flat drop cable (or up to 0.54" 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 Specifications

	NSST1248 (F1008532)	NSST2448 (F1008103)	NSST1224 (F1008261)
Dimensions (H x W x D)	7.13" x 4.30" x 0.37"	11.88" x 4.33" x 0.40"	12.00" x 5.1" x 0.50"
Splice Capacity	12 single fusion or 4 mass fusion (48 fibers)	24 single fusion or 4 mass fusion (48 fibers)	12 single drop or 24 single fusion
Entry Ports	(10) buffer tube ports	(10) buffer tube ports	(14) buffer tube ports
Material	Molded plastic base, clear plastic cover	Molded plastic base, clear plastic cover	Molded plastic base, clear plastic cover
Accessories (included)	(2) 6-position single fusion splice holder (2) 4-position mass fusion splice holder (10) tie wraps	(1) 24 single fusion splice holder (1) 4-position mass fusion holder (10) tie wraps	(4) 6 single fusion splice holder (14) tie wraps

Ordering Matrix: NS a b c d

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)
c) Front-Side Configuration	SO	=	Splice, open
	SC	=	Splice, closed**
	2O	=	Open, 2-port environmentally hardened adapter
	4O	=	Open, 4-port environmentally hardened adapter
	6O	=	Open, 6-port environmentally hardened adapter
	8O	=	Open, 8-port environmentally hardened adapter (available in Pro10 size only)
	12O	=	Open, 12-port environmentally hardened adapter (available in Pro10 size only)
	2C	=	Closed**, 2-port environmentally hardened adapter
	4C	=	Closed**, 4-port environmentally hardened adapter
	6C	=	Closed**, 6-port environmentally hardened adapter
	8C	=	Closed**, 8-port environmentally hardened adapter (available in Pro10 size only)
	12C	=	Closed**, 12-port 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 [NSST2448 (F1008103) for Pro8; NSST1224 (F1008261) for Pro10]
	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 NSFD10SC4OX 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.



Table A: Vault Manufacturers

Manufacturer	Description
Carson Industries	2200 Series Hand-Hole Vault (22002003) 1730 Series Vault (1730244HCBOU6UE) 2436 Series Vault (2436244HCBOU6IO)
Channell Communications	Shutter Box Series Grade Level Box 1620 and 1730 Series with plug option covers
Quazite (Hubbell)	Any 1730 Series Vault with PG1730C528 lid/cover

NOTE: Emerson does not sell or provide these vaults.



ProFORM® Pedestal

ProFORM® Pedestals (Empty)

Catalog No.	Part No.	Description
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

Catalog Number	Part Number	Description	UOM	Std. Package Qty.
NSST1248	F1008532	Universal splice tray, 12 single fusion or 4 mass fusion (48 fibers) (for PRO8 and PRO10)	Each	10
NSST2448	F1008103	Universal splice tray, 24 single fusion or 4 mass fusion (48 fibers) (for PRO8 and PRO10)	Each	10
NSST1224	F1008261	Splice tray, 12 single drop or 24 single fusion (for PRO10 only)	Each	10
NSEHAAKIT	F1007858	Environmentally hardened adapter kit includes: (1) OptiTap™ style adapter and (1) 3mm SC/APC fiber pigtail 3m long	Each	10
NSASCKIT3	F1008253	Standard SC/APC adapter kit includes: (1) Standard SC/APC adapter and (1) 3mm SC/APC fiber pigtail 3m long	Each	10
MS1332	F602132	32-in. mounting stake for pedestal	Each	10
MS1342	F604080	42-in. mounting stake for pedestal	Each	10

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