



Application

Securely mount a FieldSmart Fiber Scalability Center (FSC) 288, 432, 576 or 1152 PON cabinet or 432 and 864-port cross-connect cabinet or FieldSmart Fiber Delivery Point (FDP) pedestal for above grade deployment with below-grade slack cable storage, or with a hinged-mount bracket and deploy the FieldSmart SCD Case as a below-grade drop cable solution with integrated slack storage. Equally suited for drop cable, splicing, interconnect or mid-span scenarios, allowing for maximum flexibility to customize the customers' network.

Description

Formed from a High Density Polyethylene (HDPE) Thermoplastic, these vaults provide a solid base and light-weight material alternative to traditional polymer concrete enclosures. Three industry standard sizes - FPV1730, FPV2436 or FPV3048 - can be ordered with solid covers or pre-cut covers to accommodate various FieldSmart cabinet solutions.

Features & Benefits

Integrity

- Straight side wall "I-Beam" design permits higher load capacities
- High-rib design eliminates sidewall deflection
- High quality HDPE waffle-designed body distributes load evenly across sidewalls
- Meets and is qualified to Telcordia GR-902-CORE specifications. Complies with applicable elements of Western Underground, ANSI/SCTE 77 2002.
- 5,000 lb. static load for thermoplastic cover, 20,000 lb. with polymer concrete cover/ring

Protection

- Universal "L" bolt security system eliminates worry of losing cover bolts
- Unique "T" style overlapping cover design reduces soil mitigation into box

Access

- Multiple cover options -- single piece solid thermoplastic, split thermoplastic (with plug), solid or split polymer concrete, provide ease of access as well as multiple applications for the products
- Two winterized drop/access holes are standard on the FPV1730 and FPV2436 boxes. Four are standard on the FPV3048 model
- Three factory installed step racks with universal mounting bracket included with each vault.
- Universal mounting bracket (VA-STUB) is included if ordering for SCD Case application.
- Mounting bolts and templates included if ordering for all FieldSmart cabinet mounting

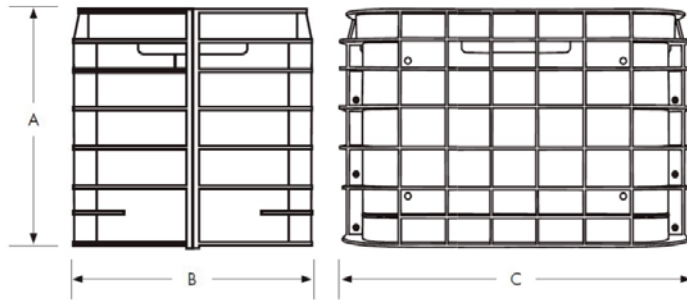
CraftSmart Fiber Protection Vaults (FPV)



	Solid Thermoplastic Cover	Split Thermoplastic Cover	Polymer Concrete with Ring
Application	Greenbelt	Greenbelt	Sidewalk
Static Load	5,000 lbs.	5,000 lbs.	20,000 lbs.*

* Note: Contact Clearfield for custom order polymer concrete cover with ring.

Dimensions/Specifications



Cover Options



1. Standard Thermoplastic Cover
2. Thermoplastic Split Cover (with plug shown)
3. Polymer Concrete Ring and Cover

Product Reference Approx. inside dimensions	A (Standard) (Height)	A (Optional) (Height)	B (Width)	C (Width)	Weight without cover	Recommended for Clearfield Product
1730	24" (609.6 mm or 38")	N/A	21.75" (552.5 mm)	33.25" (845.0 mm)	50 lbs.	FieldSmart SCD CASE 5 FieldSmart SCD CASE 6
2436	24" (609.6 mm or 48")	48"	28.5" (723.9 mm)	40.25" (1022.4 mm)	24" - 79 lbs. 48" - 150 lbs.	FieldSmart SCD CASE 5 FieldSmart SCD CASE 6 FieldSmart 288 & 432 PON or 432 cross-connect cabinet
3048	24" (609.6 mm or 24")	36"	34.75" (882.7 mm)	52.25" (1327.5 mm)	24" - 150 lbs. 36" - 200 lbs.	FieldSmart SCD CASE 5 FieldSmart SCD CASE 6 FieldSmart 576, 1152 PON or 864 cross-connect cabinet

Configured Part Numbers

Configured Vault Part Numbers (slack storage only) (Does not include options in position 4 on configuration)			
V5A-1ZZ	17" X 30" X 24" HDPE vault with solid HDPE cover	V6C-4ZZ	24" X 36" X 48" HDPE vault with split HDPE cover
V5A-2ZZ	17" X 30" X 24" HDPE vault with split HDPE cover	V6C-8ZZ	24" X 36" X 48" HDPE vault with polymer concrete ring & cover
V5A-7ZZ	17" X 30" X 24" HDPE vault with polymer concrete ring & cover	V7A-5ZZ	30" X 48" X 24" HDPE vault with solid HDPE cover
V6A-3ZZ	24" X 36" X 24" HDPE vault with solid HDPE cover	V7A-6ZZ	30" X 48" X 24" HDPE vault with split HDPE cover
V6A-4ZZ	24" X 36" X 24" HDPE vault with split HDPE cover	V7A-9ZZ	30" X 48" X 24" HDPE vault with polymer concrete ring & cover
V6A-8ZZ	24" X 36" X 24" HDPE vault with polymer concrete ring & cover	V7B-5ZZ	30" X 48" X 36" HDPE vault with solid HDPE cover
V6C-3ZZ	24" X 36" X 48" HDPE vault with solid HDPE cover	V7B-6ZZ	30" X 48" X 36" HDPE vault with split HDPE cover
		V7B-9ZZ	30" X 48" X 36" HDPE vault with polymer concrete ring & cover

Configured Part Numbers

V		Z	
1	2	3	4
1 Size		3 Cover	4 Options
5 = 1730 (21.75"W x 33.25"L) 6 = 2436 (28.5"W x 40.25"L) 7 = 3048 (34.75"W x 52.25"L)		1 = Solid green thermoplastic cover for FPV1730, telecommunication markings, "L"-bolt security, step rack 2 = Split green thermoplastic cover for FPV1730 with plugged hole, telecommunications markings, "L"-bolt security, step rack 3 = Solid green thermoplastic cover for FPV2436, telecommunications markings, "L"-bolt security, step rack 4 = Split green thermoplastic cover for FPV2436 with plugged hole for 288 PON & 432 cross-connect cabinet, telecommunications markings, "L"-bolt security, step rack	Z = No bolt kit/template or universal mounting bracket 1 = Bolt kit and template for 288-port cabinet 2 = Bolt kit and template for 576-port cabinet 3 = Universal mounting bracket VA-STUB – for SCD Case 4 = Bolt kit and template for 432-port cabinet
2 Depth		5 = Solid green thermoplastic cover for FPV3048, telecommunications markings, "L"-bolt security, step rack 6 = Split green thermoplastic cover for FPV3048 with plugged hole for 576 PON & 864 cross-connect cabinet, telecommunications markings, "L"-bolt security, step rack 7 = Solid polymer concrete lid for FPV1730 with ring, step racks, bolt lid 8 = Solid polymer concrete lid for FPV2436 with ring, step racks, bolt lid 9 = Solid polymer concrete lid for FPV3048 with ring, step racks, bolt lid	
A = 24" standard for 1730, 2436 & 3048. B = 36" optional available on 3048 only. C = 48" available on 2436 only			

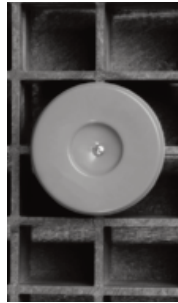
Optional Features - Ordered and shipped separately



Step Rack
(included with each vault)



Swing-arm with Butterfly Mounting Plate



Marker Locator



Sidewall Mounting Plate



Step Rack with Universal Mounting Bracket
(Must be ordered if mounting SCD Case in vault)



Swing-arm Assembly



Cable Hook Bracket

Pre-configured Part Numbers (Optional)

Order as a separate line item

Part Number	Description
VA-STEP	Step Racks (3 - 15" Racks) (Included with each vault)
VA-SWB	Swing arm with butterfly mounting plate
VA-SMP	Side wall mounting plate
VA-STUB	Universal mounting bracket (included with SCD Case application)
VA-SWA	Swing arm mount bracket
VA-CBL	Cable loop harness
VA-MARK	Marker/locator units (solid lids only)