

CraftSmart®

FiberFirst 6, 8, 10 and 12-Inch Pedestals

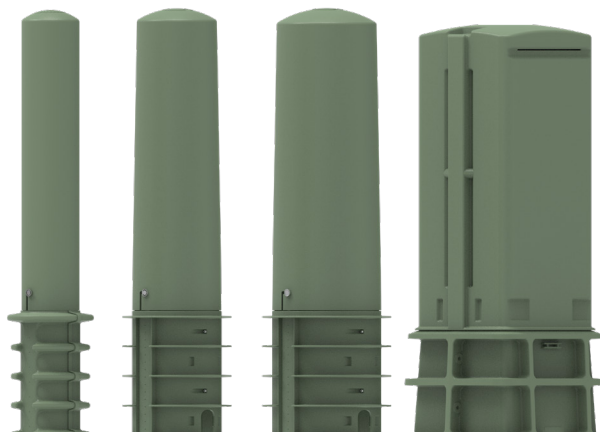


Application

The CraftSmart® FiberFirst Pedestals provide a secure, above-ground access point for fiber-to-the-home (FTTH) networks. The internal components of the pedestal are optimized for fiber-only deployments and offer configuration flexibility to suit the needs of the network.

Sizes offer configuration flexibility to suit the needs of the network. The unique open canvas design offers the ability to house a number of Clearfield products, ranging from our terminals, splitters, splice trays and PON inserts, to third party components as well.

The suite of Clearfield's CraftSmart FiberFirst Pedestals meet all requirements for BABA compliance.



Description

Clearfield's FiberFirst platform of pedestals provide physical fiber protection for delivering a turn-key passive solution; from the central office/headend to the final termination. Each FiberFirst pedestal provides an efficiently sized, cost-effective, non-metallic enclosure - meeting the industry standards for strength, reliability and environmental concerns.

The smaller 6", 8" and 10" pedestals consist of a two-part split base and removable dome cover and are designed to withstand harsh environmental conditions, as well as UV, chemical and impact resistance. The built-in, multi-use rail system allows for universally mounting any product inside the pedestal. Intuitive cover securing feature along with an industry standard telco security screw (216) is used to attach and lock the cover to the base.

The larger, 12" pedestal is offered in 2 configurations. The split lid option is designed with a base and 2-part, free breathing split-lid and a built-in backplane. The domed lid option is designed with a two-part split base and removable dome cover that offers 360 degree internal access - engineered to withstand harsh environmental conditions, as well as UV, chemical and impact resistance.

When serving a large number of homes (up to 144) is required and when a larger PON cabinet is not desired, the 12" pedestals provides an ideal, cost-effective option

Empty Ped Option

The empty ped option is ideal for housing various types of fiber terminations. The pre-installed pedestal frame and ground bar make this a great option for rapid field installations close to the home.

Universal Backplane Option

The universal mounting backplane is a cost-effective way to deploy virtually any appropriately sized connectivity equipment. The universal backplane can easily be installed in the field and ordered separately.

Terminal Option

Clearfield's Terminal offering provides a wide variety of deployment options inside the FiberFirst pedestals. Mounting brackets are available as accessories to support the deployment of Clearfield's full lineup of terminals. The bracket and terminals can easily be installed in the field and are ordered separately.

PON Option

The CraftSmart FiberFirst 12" Pedestal PON option provides a cost-effective solution to service up to 144 homes. Each pedestal can be loaded with a single 12-fiber Clearfield feeder cassette and up to twelve cassettes for distribution ports. Splitter compartments give the flexibility to use up to five WaveSmart® Ruggedized or High Density style splitters. The PON pedestal option is ideal for applications where a larger PON cabinet is not desired or cost-effective.

The PON option is available fully loaded with conventional feeder and distribution cable stubs or with Clearfield's FastPass® approach utilizing in-cassette splicing. The FastPass approach significantly reduces installation times allowing for double the number of fiber homes passed in the same amount of time versus conventional cable stub options. The PON option pedestal is also available empty to be used where cassettes are ordered separately to scale to meet a network's evolving requirements.

Splice Tray Option

The CraftSmart FiberFirst Pedestal Splice Tray options incorporate field-tested slack management for incoming and outgoing fiber cables and includes craft-friendly CraftSmart Splice Closure (CSC) Splice Trays or the universal splice trays. CSC 500 Splice trays support up to 48 single splices or 144 mass fusion splices per tray. Each universal splice tray supports 12 individual fusion splices or a single mass fusion splice. In the 8" FiberFirst Pedestal, up to 4 CSC Splice Trays can be installed and in the 10" FiberFirst Pedestal up to 6 CSC Splice Trays are supported. In the 12" FiberFirst Pedestal, up to 12 universal splice trays can be installed per pedestal. The splice only pedestal option supports drop cable scenarios or mid-span and ring-cut functionality. A ground bar is included for securing armored style cables and toneable drops.

Features and Benefits

Integrity

- Constructed of durable, UV resistant material for maximum security and service life.
- Split-bases and removable covers are all made with a fiberglass reinforced high impact resistant material.
- The unique interlocking cover on the 12" FiberFirst Pedestal is designed to be free breathing to minimize condensation and allow any internal moisture to dissipate.
- Designed to meet and exceed GR-13 specifications.

Protection

- Interlocking cover provides protection from the elements.
- Industry standard telco security screw (216) attaches cover securely to base.
- Mounting applications include vault mount (12" FiberFirst pedestal only), stake mount and direct-bury (all FiberFirst pedestals).
- Direct-bury base provides a uniform and secure installation while reducing the chances of leaning or tilting.

Access

- Removable cover provides complete access to inside of pedestal.
- Built-in, integrated mounting frame supports many deployment options for a wide variety of applications.
- Built-in multi-use backplanes provide universal mounting options for a wide variety of equipment.

Investment

- High strength, rigid construction ensures long term reliability in the harshest environments.
- Small profile and cost-effective pedestals can be deployed in a variety of network types and applications.
- Multi-functional product line that supports SKU standardization.

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Technical Specifications

FiberFirst Pedestals	6 Inch	8 Inch	10 Inch	12 Inch
Cover Only Dimensions	30" Ped - 5.9" Diameter x 31"H 20" Ped - 5.9" Diameter x 21" H	30" Ped – 11.1" Outer Diameter x 31"H Buried (43." total height)	30" Ped – 13.1" Outer Diameter x 31"H Buried (43." total height)	14"W x 12"D x 30"
Base Only Dimensions	8.75" Diameter x 16.5"H (buried 12" deep with 4.5" above ground)	11.1" Diameter x 16.5"H (buried 12" deep with 4.5" above ground)	13.1" Diameter x 16.5"H (buried 12" deep with 4.5" above ground)	16 ¾"W x 16 ½"D x 11"H
Cover Materials	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material
Base Materials	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material	High Impact Resistant Thermoplastic Material
Mounting Optionals	Direct Buried, Stake Mount	Direct Buried, Stake Mount	Direct Buried, Stake Mount	Direct Buried, Stake Mount, Vault Mount
Splice Capacity	Up to (48) Single Splice using the RCT Terminal; Depends upon the application	Up to (4) CSC 500 or 250 Splice Trays (192 Single Splice or 576 Mass Fusion Splice max)	Up to (6) CSC 500 or 250 Splice Trays (288 Single Splice or 864 Mass Fusion Splice max)	Up to (12) universal splice trays (144 total splice capacity)
Security/Locking	Telco Security (216) Screw Locks Cover to Base	Telco Security (216) Screw Locks Cover to Base	Telco Security (216) Screw Locks Cover to Base	2 – Cupped Telco Security (216) Screws Lock Cover to Base
Ground Bar	Included With Each Pedestal	Included With Each Pedestal	Included With Each Pedestal	Included With Each Pedestal
Ground Stake	Ground Stake location molded into base. Customer supplied ground stake.	Ground Stake location molded into base. Customer supplied ground stake.	Ground Stake location molded into base. Customer supplied ground stake.	Bracket molded into base. Customer supplied ground stake.
Rail Material	Aluminum Rail System	Fiber Reinforced High-Density Polyethylene (HDPE) (10%)	Fiber Reinforced High-Density Polyethylene (HDPE) (10%)	Aluminum Rail System
Approx. Weight	10 lbs.	25 lbs.	33 lbs.	30 lbs.

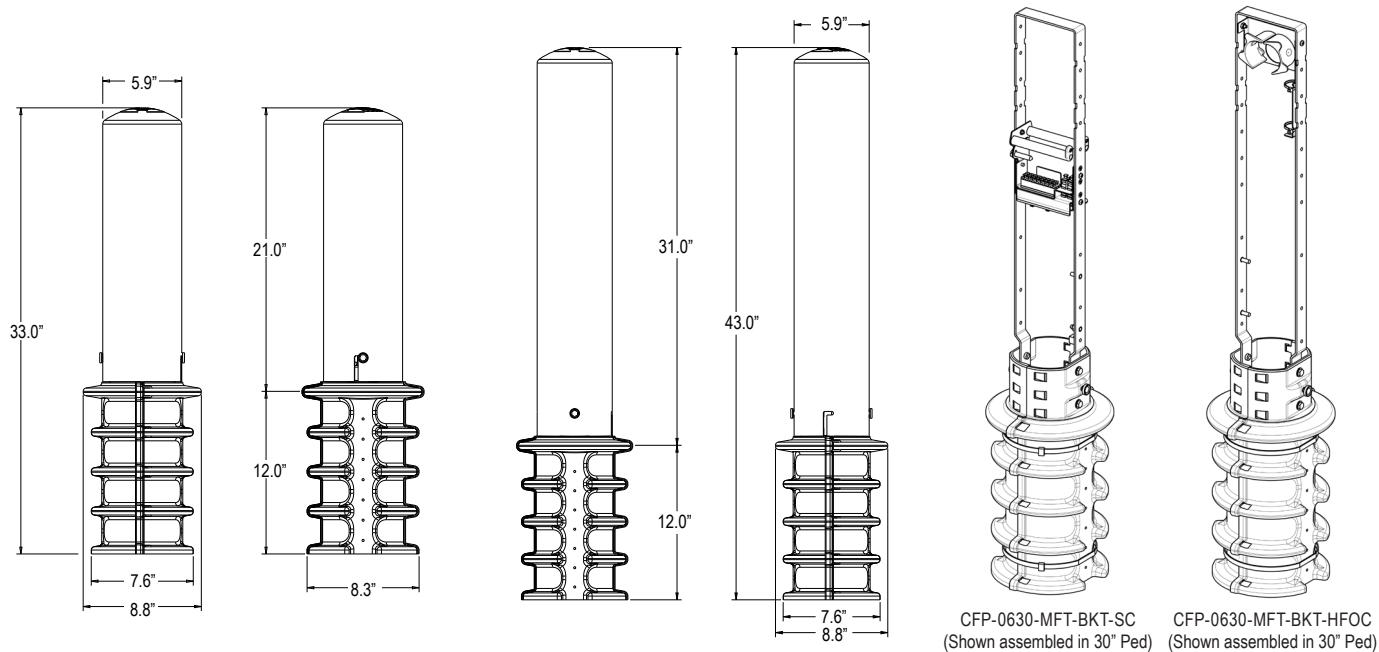
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FiberFirst 6, 8, 10 and 12-Inch Pedestals



Pre-Configured Part Numbers - 6-Inch

Part Number	Description
CFP-0620-EMPTY-BACK	20 inch tall, 6" diameter pedestal with installed backplane for slack storage for mounting RCT box
CFP-0620-EMPTY-SUB	FiberFirst 6" Diameter Fiber Pedestal, Telco Green 20" H
CFP-0630-EMPTY-BACK	30 inch tall, 6" diameter pedestal with installed backplane for slack storage for mounting RCT box
CFP-0630-EMPTY-SUB	FiberFirst 6" Diameter Fiber Pedestal, Telco Green 30" H
CFP-0630-MFT-BKT-HFOC	Pedestal, 30", 6" Diameter Pedestal with Installed Tether Bracket for HFOC/Hardened Tethers
CFP-0630-MFT-BKT-SC	Pedestal, 30", 6" Diameter Pedestal with SC/MPO Tether Adapter Bracket, Includes 8 SCAPC Adapters and 2 MPO Adapters
CFP-0630-SPLICEBOX-8-KIT	Pedestal, 30", 6" Diameter Pedestal with Installed Backplane and Empty 8 POS RCT Box. Includes Clear-pass Dust Caps
CFP-0630-SPLICEBOX-10-KIT	Pedestal, 30", 6" Diameter Pedestal with Installed Backplane and Empty 10 POS RCT Box



Empty 6" FiberFirst Ped



6" FiberFirst Ped with SeeChange Mounting Bracket



6" FiberFirst Ped with TetherSmart MFT Mounting Bracket



6" FiberFirst Ped with integrated StreetSmart RCT Mounting and Slack Storage

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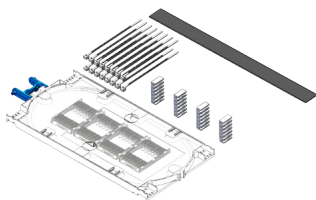
FiberFirst 6, 8, 10 and 12-Inch Pedestals



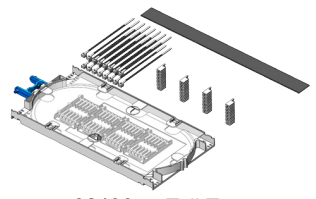
Pre-Configured Part Numbers - 8-Inch

Part Number	Description
CFP-0830-EMPTY-BACK	FiberFirst 30 inch tall, 8" diameter pedestal with installed universal backplane for slack storage for universal mounting
CFP-0830-EMPTY-SUB	FiberFirst 30 inch tall, 8" diameter pedestal empty with mounting rails
CFP-4SPLICETRAY-KIT	Mounting Kit for up to (4) CSC Splice Trays (Requires Universal Mounting Backplane for mounting inside pedestal)
024994	CSC 500, Short Tray Assembly, 4 Single Splice Holders installed, with Tray Hinge and 2 Ribbon Splice Holders (loose)
024995	CSC 500, Tall Tray Assembly, 4 Ribbon Splice Holders installed, with Tray Hinge and 2 Single Splice Holders (loose)

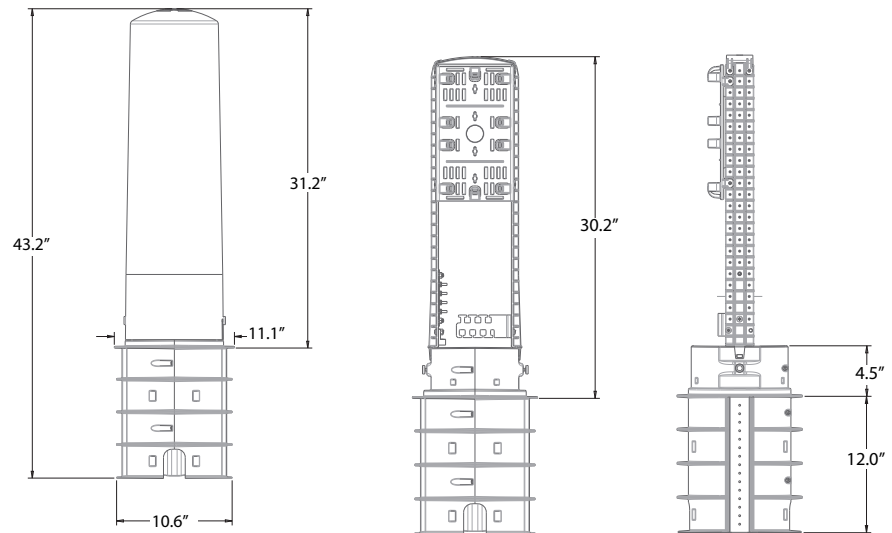
CSC 500 Splice Tray Kit



024994 - Short Tray



024995 - Tall Tray



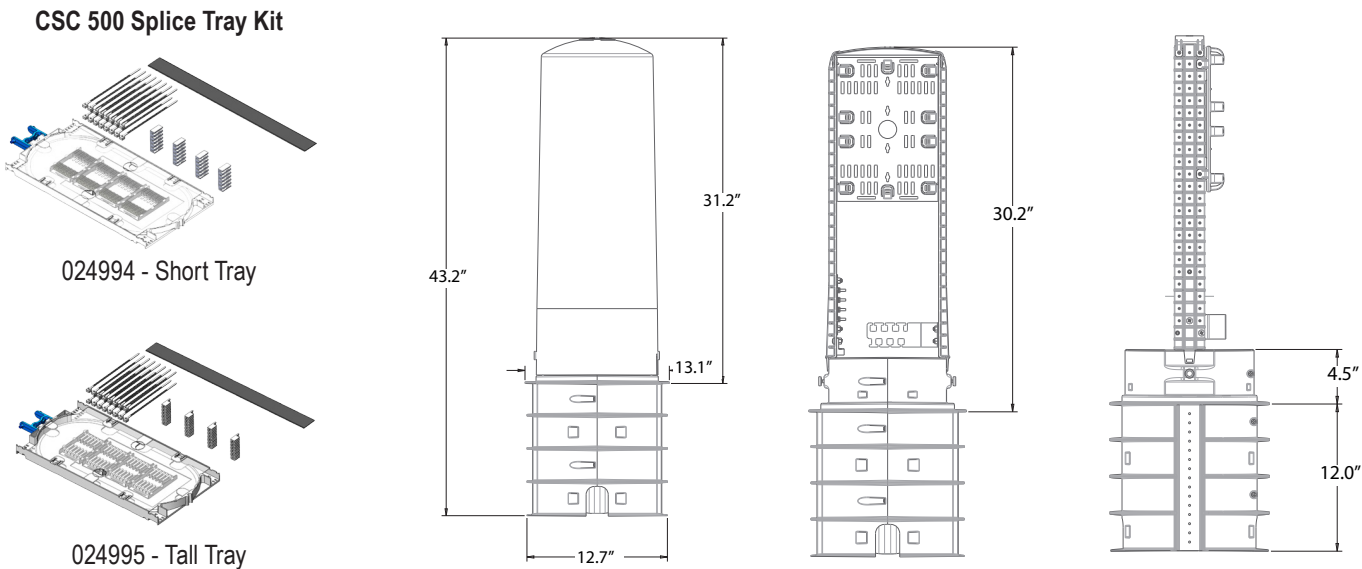
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Pre-Configured Part Numbers - 10-Inch

Part Number	Description
CFP-1030-EMPTY-BACK	FiberFirst 30 inch tall, 10" diameter pedestal with installed universal backplane for slack storage for universal mounting
CFP-1030-EMPTY-SUB	FiberFirst 30 inch tall, 10" diameter pedestal empty with mounting rails
CFP-6SPLICETRAY-KIT	Mounting Kit for up to (6) CSC Splice Trays (Requires Universal Mounting Backplane for mounting inside pedestal)
024994	CSC 500, Short Tray Assembly, 4 Single Splice Holders installed, with Tray Hinge and 2 Ribbon Splice Holders (loose)
024995	CSC 500, Tall Tray Assembly, 4 Ribbon Splice Holders installed, with Tray Hinge and 2 Single Splice Holders (loose)



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Configured Part Number - 12-Inch

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

J - _____ - _____ - _____ - _____ - _____ - _____ - _____ Z Z XXXM or XXXF

1 2 3 4 5 6 7 8

1 Select Pedestal Type
A = Splice Only
B = Patch Only
C = Patch and Splice (In-cassette Splicing)

2 Select Ped Style
A = CraftSmart Pedestal 12 x 12 x 30 - 2 Pc.
D = CraftSmart Pedestal 12" Dome
Z = None

3 Select Feeder
A = 12 Ports (1 Cassette)
Z = 0 Feeders

4 Select # of Distribution Splices or Distribution Port Count
012 = 12 084 = 84
024 = 24 096 = 96
036 = 36 108 = 108
048 = 48 120 = 120
060 = 60 132 = 132
072 = 72 144 = 144

5 Select Connector
A = SC/UPC H = LC/APC DX
C = SC/APC Z = N/A
F = LC/UPC DX

6 Select Mode / Type
1 = Singlemode – Non-ribbon
2 = Singlemode – Ribbon
Z = None

7 Select Cable Construction
B = OSP Riser
E = OSP Non-Rated
F = 900µm TB (FieldSmart Patch and Splice)
H = OSP Armored Riser Gel Filled
M = OSP Armored (Non-rated) Gel Filled
Z = N/A

8 Select PON Insert
A = 96-Port PON Insert
B = 144 PON Insert
Z = None

XXXM or XXXF
XXXM = Length of Pigtail in Meters
XXXF = Length of Pigtail in Feet

* Not all configurations are visible. Ask your Clearfield Sales Representative for additional ordering options.

Pre-Configured Part Numbers - Terminal Bracket

Part Number	Description
CFP-121230	Pedestal, CraftSmart FiberFirst, Empty (PON Option)
CFP-121230D	Pedestal, CraftSmart FiberFirst, 12" Full Dome Empty
CFP-121230-MPT	Kit, FiberFirst Pedestal, 12 x 12 x 30" Telco Green with MPT Bracket and Hardware
CFP-121230-RIBBON	FiberFirst Pedestal, 12 x 12 x 30" Telco Green with 1 Ribbon Splice Tray, Bracket and Hardware
CFP-121230-SEECHANGE	Kit, FiberFirst Pedestal, 12 x 12 x 30" Telco Green with SeeChange/YOURx Top Mount Bracket and Hardware
CFP-121230-YOURX	Kit, FiberFirst Pedestal, 12 x 12 x 30" Telco Green with YOURx Bottom Mount Bracket and Hardware (Splice Option)



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Pedestals and Terminal Mounting Kits

Equipment Supported	6 Inch	8 Inch	10 Inch	12 Inch ⁴
TetherSmart Multi-Fiber Terminal	CFP-0630-MFT-BKT-SC OR CFP-0630-MFT-BKT-HFOC	CFP-MFT-KIT	CFP-MFT-KIT	N/A
SeeChange® Terminal	CFP-0630-SEECHANGE BRACKET KIT	CFP-SEECHANGE-YOURX-KIT	CFP-SEECHANGE-YOURX-KIT	CFP-121230-SEECHANGE
StreetSmart® Ready Connect Terminal	CFP-0630-EMPTY-BACK ¹	CFP-0830-EMPTY-BACK ²	CFP-0830-EMPTY-BACK ²	N/A
CSC Splice Trays	N/A	CFP-4SPLICETRAY-KIT	CFP-6SPLICETRAY-KIT	N/A
Universal Mounting Backplane	N/A	CFP-0830-EMPTY-BACK ³	CFP-0830-EMPTY-BACK ³	N/A
YOURx®-Terminal	N/A	N/A	CFP-SEECHANGE-YOURX-KIT	CFP-121230-YOURX
YOURx® Multi-Purpose Terminal	N/A	N/A	CFP-MPT-KIT	CFP-121230-MPT
12 Core Optical Fiber Splice Tray	N/A	N/A	N/A	004834 ⁵
Ribbon Fiber Splice Tray	N/A	N/A	N/A	023322 ⁵
FieldSmart® FDP 144 Port PON Insert	N/A	N/A	N/A	See Configured Part Numbers – 12-inch.

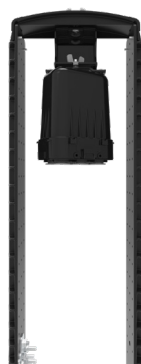
¹ Part number is for pedestal that includes integrated RCT Mounting Backplane with support for rear slack storage

² Part numbers listed are for pedestals that include the Universal Mounting Backplane which support the RCT without an additional bracket

³ Part numbers listed are for pedestals which include the Universal Mounting Backplane (Integrated Only)

⁴ Part numbers listed include pedestal and required mounting kit for terminal

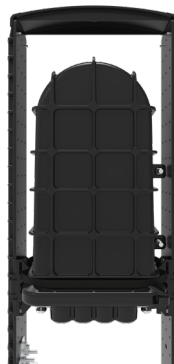
⁵ Part numbers listed are for the trays only and do not include the Pedestal or bracket kit to mount them



8" Pedestal with
SeeChange Terminal



8" Pedestal with
TetherSmart Terminal



10" Pedestal with Multi-
Purpose Terminal



10" Pedestal with
YOURx-Terminal