

FieldSmart®

Mini TAP Home Deployment Kit



Application

FieldSmart® Mini TAP Home Deployment Kit (HDK) extends Clearfield®'s field-proven fiber management expertise and leading-edge fiber connectivity performance all the way into the home. With the FieldSmart Mini TAP, the Home Deployment Kit packages the required patch cords, fiber jack (Clearfield's CraftSmart® Fiber Outlet) and necessary adapter installation accessories in a single box. Truck rolls are minimized and customer turn-up is rapid. Choose the FieldSmart Mini TAP HDK for environments where plug-and-play along with internal slack storage is desired within the unit mounted outside the home.

FieldSmart Mini TAP

The FieldSmart Mini TAP provides a secure demarcation point between the service provider network and SFU. Mini TAP gives the network service provider both the ability to store slack fiber as well as provide a test access point (TAP) for ease of deployment and network maintenance without needing to have access to the interior of the customer premise. FLEXdrop® Deploy Reel mounts easily on the supplied pin, allowing 50, 75 and 100 feet of pre-connectorized FLEXdrop to be deployed into the premise. With the ability to accept a variety of drop cables with up to 50' of incoming cable slack storage, Mini TAP can be wall or pole mounted, and can be integrated into any network architecture and deployment.

Integrity

- Supports industry standard SC adapters
- Includes entrance points with multi-purpose strain reliefs

Protection

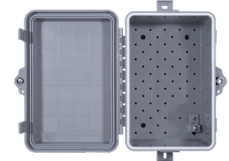
- UV Stable Polycarbonate
- Snap and screw latching system

Access

- Accepts 10mm microduct, 3mm cable, standard flat drop and Small Form Factor FLATdrop

Investment

- Access available without customer needing to be there to identify potential problems



CraftSmart Fiber Outlet

The CraftSmart Fiber Outlet can accommodate 4 entrance points for 3mm cable and up to 4 SC adapter ports. The splice tray is hinged and easily removable for non-splicing applications. This small indoor enclosure provides both bend limiting protection and a secure termination point to connect the entrance fiber to the included equipment jumper.

Integrity

- Supports industry standard SC adapters

Protection

- Snap-on cover for dust free protection

Access

- Easy installation
- Accommodates 4 adapter ports
- Four cable entrance points

Investment

- Cables can be connected without splicing
- Hinged and detachable splice tray



FieldShield FLEXdrop

FieldShield® FLEXdrop cable has an OSP-rated PVDF jacketing that allows for transition of FLEXdrop from the OSP environment directly into the inside plant, with the added benefit of being UL listed for plenum applications. FLEXdrop can be used as a building wrap at turn-up, maximizing installation efficiency.

Integrity

- Available in singlemode
- Supports all industry standard connectors
- Terminations designed, tested and certified to GR-326
- FLEXdrop fiber cable designed, tested and certified to GR-20

Protection

- UL listed for plenum applications for single fiber only
- Passed UV testing and measurement standards per ASTM G155 for UL 1581
- Bend-insensitive (G.657.A2) fiber protects optical signal with minimal to zero attenuation down to a 10 mm radius
- OSP rated PVDF jacketing provides ruggedized protection for the patchcord or pigtail
- Staple-ready for walls, joists and around corners, with Crown T-18 staples
- Swellable yarns for water blocking capabilities

Access

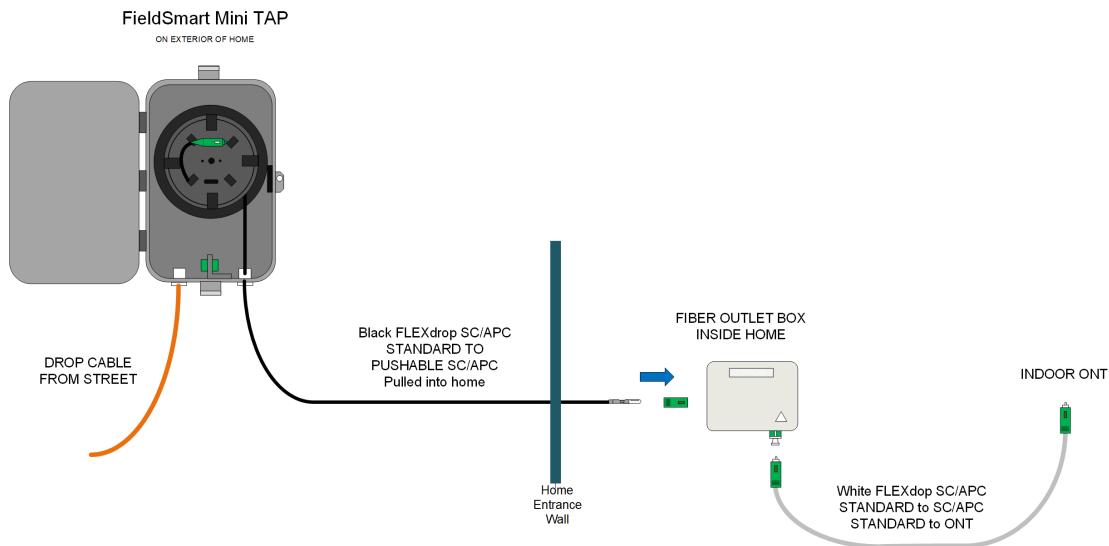
- Standard color is black with an option for off-white
- Suitable for all types of indoor and outdoor implementations (duct required for aerial and direct bury)

Investment

- Easy deployment allows capital investment to be aligned to customer take rates



FieldSmart® Mini TAP Home Deployment Kit



Technical Specifications

FieldSmart Mini TAP	
Dimensions	9" H x 6" W x 3.91" D (228mm x 152mm x 99.31mm)
Color	Gray
Rating	GR-771 and Designed for NEMA-4
Material	UV Stabilized, Flame Retardant Polycarbonate
Adapter Style Receptacle	SC/APC and SC/UPC
Port Count	1
Seals	2 Split Seals for 3mm OD Cable
Mounting Options	Wall or Pole Mount

CraftSmart Fiber Outlet	
Dimensions	3.9 x 3.2 x 1.25 inches (100 x 80 x 32 mm)
Color	White
Operating Temperature	-20°C to 60°C
Material	ABS
Adapter Style Receptacle	SC and LC
Adapter Slots	4 Slots
Accessories	Removable Storage Tray

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FieldShield FLEXdrop	
Fiber	Corning ClearCurve Optical Fiber or equivalent
Clad Diameter	125.0 ± 0.7 µm
Coating Diameter (Uncolored)	235 - 245 µm
Bend-Insensitive	Bend-Insensitive Fiber G.657.A2
Color Code	TIA/EIA 598 (US Standard)
Fiber Count	Single and dual fiber
Pushable Connectors	FieldShield SC/UPC and SC/APC
Standard Connectors	SC/UPC and SC/APC
Mode	Singlemode
Internal Fiber Size	900 µm
Outside Diameter	0.118" (3 mm)
Color	Black or white
Material	PVDF
Bend-Radius	Standard to G.657.A2 specifications
Installation Temperature	-22°F to 131°F (-30°C to 55°C)
Operating Temperature	-40°F to 176°F (-40°C to 80°C)
Installation Tension	20 lbf
Markings	Part number, lot number and footage markers every two feet (609.60 mm)
Cable Attenuation Spec	0.35 dB/km @ 1310 nm/0.25 dB/km @ 1550 nm

Home Deployment Kits Include:

- FieldSmart Mini TAP
- CraftSmart Fiber Outlet
- Black Entrance Cable: FLEXdrop Pushable Cable (Configurable adapter and lengths)
- White Entrance Cable: FLEXdrop Pushable Cable (Configurable adapter and lengths)

Configured Part Number

HDK - G **D** **FW**
1 2 3 4 5 6 7 8 9

1 Select Box Option
A = 50 Foot Storage Reel
C = Deploy Reel – Adapter Reel
Z = None

2 Select Adapter
A = SC/UPC
C = SC/APC

3 Select Fiber Outlet Adapter
A = SC/UPC
C = SC/APC

4 Select Connector 1 for Entrance
A = SC/UPC
C = SC/APC

5 Select Connector 2 for Entrance
B = Pullable SC/UPC
D = Pullable SC/APC

6 Select Length
4 = 50 ft.
5 = 75 ft.
6 = 100 ft.

7 Select Connector 1 for Equipment
A = SC/UPC
C = SC/APC

8 Select Connector 2 for Equipment
A = SC/UPC
C = SC/APC

9 Select Length
A = 2 meters
1 = 10 ft.
2 = 15 ft.

FieldSmart[®]

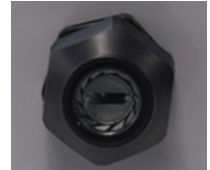
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Mini TAP



Deploy Reel Mounting Plate



Multi-Purpose Strain Relief



Slack Storage Reel-50



FLEXdrop Deploy Reel