

## Application

The YOURx-TAP provides a secure demarcation point between the service provider network and multiple customer environments – SFU, MDU or business. YOURx-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. With the ability to accept a variety of drop cables, YOURx-TAP can be wall or pole mounted, and can be integrated into any network architecture and deployment.

## Description

Slack storage of excess fiber has always been an issue within network design and deployment. The YOURx-TAP, with the smallest demarcation footprint in the industry, provides the ability to store up to 600 feet (182.88 m) of slack fiber storage (300 feet - 91.44 m per reel) using the FieldShield® Deploy Reel with 900 µm FieldShield StrongFiber®. This eliminates the need for having a large, bulky and unsightly box on the side of an SFU, MDU or business location, to store excess or unused fiber.

With its hinged removable cover design, YOURx-TAP is easily accessible for craft personnel to access the box during both initial service installation and ongoing maintenance. FieldShield Deploy Reels are easily installed into YOURx-TAP by simply snapping them onto the post bracket that is mounted inside the box. Each post bracket has a built-in feature that locks the deploy reel in place once the fiber has been pulled to the specified location.

Once mounted inside the box, the StrongFiber Deploy Reels are deployed by using a pull string to pull fiber from the bottom reel back through the 10 mm FieldShield Duct and connect it to the distribution/access point. Bringing fiber to the inside of the customer location is accomplished by using the top reel and pulling it to the desired location. Either 900 µm StrongFiber (with a ducted pathway) or 3 mm FLEXdrop™ fiber can be used for this internal application.



## Drop Cable Options

Clearfield® recognizes the fact that flat drop connectivity in the last mile is a widely-used product and is a good solution for both direct buried and aerial drop applications. Listening to our customers' requests, **FieldShield FLATdrop** was developed and designed to fit into YOURx-TAP. FieldShield FLATdrop cable assemblies come pre-terminated from the factory and are available in multiple lengths. Cable assemblies are placed and brought to YOURx-TAP, where the connector is snapped into place on the bottom of the box, providing an air/water tight connection.

**FieldShield D-ROP** is the cable-in-conduit solution and the name stands for “restorable one pass” drop. It is a fiber pre-placed in a 7 mm O.D. microduct that reduces the traditional FieldShield solution from a two-step process to a one-step process. Rather than establish the route path of the duct and then push the FieldShield pre-terminated drop to the customer as a second step, D-ROP combines these two functions into one. Distance limitations are no concern when using D-ROP as the pre-terminated fiber is already installed.

**FieldShield FLEXdrop** provides all the same characteristics as current 3 mm pushable/pullable FieldShield Fiber, with increased flexibility and reduced jacket memory, providing better slack storage and routing while decreasing the risk of kinking. UL listed cable can be routed, without protection of duct, into the inside premise through walls, stapled and/or applied using local contractor accepted practices. FLEXdrop can be used with YOURx-TAP and deploy reels for connectivity to the terminal as well as for final connectivity inside the premise at the ONT or fiber jack/demarcation.

**FieldShield StrongFiber** is a durable high tensile strength fiber when compared to other fibers of its size. It is suitable for both indoor and outdoor environments. Manufactured with premium bend-insensitive fiber, FieldShield StrongFiber offers high tensile strength to resist damage to the fiber during installation in the FieldShield Microducts. When terminated with a FieldShield Pullable Connector, the FieldShield StrongFiber can be quickly deployed, and in turn, reduces installation time drastically.

**FieldShield Pushable Optical Cable** is a durable and crush-resistant product that is suitable for most indoor or outdoor environments. Manufactured using PBT jacketing, FieldShield offers maximum push/pull distance as well as resistance to chemicals.

Clearfield highly recommends a ducted solution when deploying FieldShield FLEXdrop, StrongFiber and FieldShield Pushable Fiber.

YOURx-TAP has been designed with maximum customer flexibility in mind. YOURx-TAP is available:

- Empty (for future fiber deployment)
- With L-Bracket that holds single fiber adapter
- With one or two FieldShield® Deploy Reels – each holding up to 300 feet (91.44 m) of 900 µm StrongFiber
- With Multiple Drop Options
  - FieldShield StrongFiber
  - FieldShield FLATdrop
  - FieldShield FLEXdrop™
  - FieldShield Pushable/Pullable Fiber
- Two insertable/interchangeable cable entrance plates are incorporated into the bottom of the box
  - Plate with couplers for bringing in one or two 10 mm FieldShield Microduct or FieldShield FLATdrop assemblies
  - Blank plate - providing multiple cable, duct and connector feed options into the YOURx-TAP
- Access port on rear of box, allows for direct fiber deployment into the customer location
- Available with optional private labeling on the front cover to easily identify service provider's identification

Designed for all environments, the YOURx-TAP has a gasketed cover, watertight duct fittings and is made from impact and UV resistant PBT and PC material. Clearfield® optical fiber terminations have been tested compliant to GR-326 requirements with certification currently pending through Telcordia.

## Features and Benefits

### Integrity

- Terminations are designed and tested to Telcordia GR-326
- Supports singlemode SC connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspections
- Small footprint

### Protection

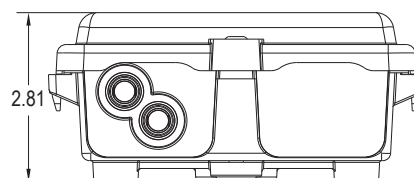
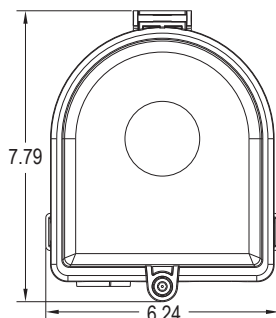
- Designed to meet NEMA 4 criteria
- Gasketed cover for protection from elements
- Watertight connectors for sealing of duct
- Pin in hex screw for reduced tampering
- Enclosure made of high-impact UV resistant thermal plastic material - to resist and withstand corrosive environments

### Access

- Accepts multiple drop options for maximum flexibility
- Removable hinged cover allows for easy access to closure
- Available with up to two deploy reels
- Lockable Pins hold deploy reels in place once fiber is deployed
- Available in SC/APC, SC/UPC
- Wall and pole mount applications available

### Investment

- Available with pre-terminated deploy reels, which minimizes splicing and connectorization field costs
- Can add reels after box has been installed
- Available all hours of the day, without customer needing to be there to identify potential problems



## Technical Specifications

YOURx-TAP	
Dimensions	7.8" H x 6.25" W x 2.81" D (198.12 mm x 158.75 mm x 71.37 mm)
Box Options/Connector Availability/Capacity	Empty, no deploy reels With L-Bracket that holds single fiber adapter One or two StrongFiber Deploy Reels: SC/APC or SC/UPC with up to 300 feet (91.44 m) of 900 μm StrongFiber Empty Reel available for slack storage of FLATdrop or FLEXdrop™
Drop Options/Connector Types	StrongFiber Deploy Reels: SC/APC or SC/UPC FieldShield® FLATdrop: with hardened connector FieldShield D-ROP: Cable-in-conduit FieldShield FLEXdrop FieldShield Pushable Fiber
Cable Entrance/Exit	One or two 10 mm YOURx FlexPort Empty plate, allows for other industry connectors to be installed
Private Labeling	Standard: comes with Clearfield® logo No logo Private labeling available (500 piece minimum). Contact Clearfield sales representative for details.
Mounting Options	Wall or pole mount

## Configured Part Numbers

Bottom Reel (Typically Feeder)                      Top Reel (Typically Distribution)

**TAPX -**                      **1**   **2**   **3**   **4**   **5**   **6**   **7**   **8**   **9**   **10**   **11**

**1 Select Box Type**  
A = 1 StrongFiber Deploy Reel  
B = 2 StrongFiber Deploy Reels  
C = 2 reels (1 StrongFiber Deploy and 1 TAP Slack Storage Reel)  
D = 2 reels (1 SRD Reel with adapter; 1 StrongFiber Deploy)  
E = 2 reels (1 SRD Reel with adapter; 1 TAP Slack Storage Reel)  
M = Box with L Bracket and SCA Adapter (No Reels)  
Z = Empty

**2 Select Logo Type**  
A = CLFD logo  
B = No logo  
C = Private label - Custom logo (500 piece min.)

**3 Select Cable Entrance Plates**  
A = Default – includes 1 blank and 1 dual entrance plate  
B = Includes 2 dual entrance plates  
C = Includes 2 blank plates

**4 Select Connector 1 (inside plugged into adapter)**  
A = SC/UPC - Standard  
C = SC/APC - Standard  
Z = No connector – empty reel. Choose this when FLATdrop or D-ROP is used for feeder.

**5 Select Connector 2 (take off end)**  
B = SC/UPC – Pullable  
D = SC/APC – Pullable  
Z = No connector

**6 Select Fiber Type**  
S = StrongFiber  
Z = No fiber

**7 Select Reel 1 Length - Feet**  
2 = 50 (15.24 m)                      8 = 200 (60.96 m)  
3 = 75 (22.86 m)                      9 = 225 (68.58 m)  
4 = 100 (30.48 m)                     A = 250 (76.20 m)  
5 = 125 (38.10 m)                     B = 275 (83.82 m)  
6 = 150 (45.72 m)                     C = 300 (91.44 m)  
7 = 175 (53.34 m)                     Z = No Fiber

**8 Select Connector 1 (inside plugged into adapter)**  
A = SC/UPC – Standard  
C = SC/APC – Standard  
Z = No connector – empty reel

**9 Select Connector 2 (take off end)**  
B = SC/UPC - Pullable  
D = SC/APC - Pullable  
Z = No Connector

**10 Select Fiber Type**  
S = StrongFiber  
Z = No Fiber

**11 Select Reel 1 Length - Feet**  
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NOTE: Pin-in-hex screw bit (015075) is not included and needs to be ordered separately as a special item

**Pre-Configured Part Numbers**

Part Number	Description	Image
018458	Kit - L Bracket and SC/APC Adapter	
SRD-CZZZ-ZZZ	Empty StrongFiber Deploy Reel with SC/APC Adapter	
SRD-AZZZ-ZZZ	Empty StrongFiber Deploy Reel with SC/UPC Adapter	
TAP-REEL-EMPTY	Empty slack storage reel for YOURx-TAP, includes mounting pin, holds up to 50 feet (15.24 m) of FLEXdrop™	
018041	Blank plate	
018250	Plate with two 10 mm YOURx FlexPorts	
016280	10 mm YOURx FlexPort	
015075	Single hex bit insert for securing the pin-in-hex screw on YOURx-TAP	