

FieldShield® FLEXdrop® Deploy Reel XL with FieldSmart® SCD Wall Box

Speed matters when revenue is on the line.

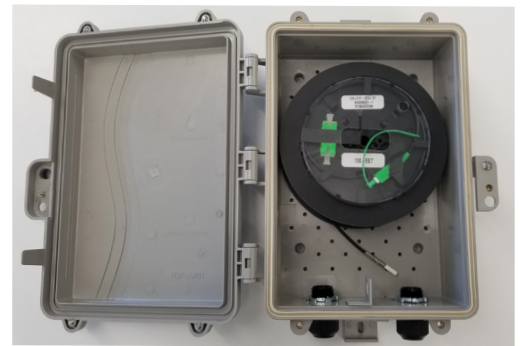
Product in hand and seamless installations matter when customers are waiting.

Clearfield's FieldShield FLEXdrop Deploy Reel, deployed within the FieldSmart SCD Wall Box with Expansion Bracket, provides technicians ease-of-use and flexibility to simplify and increase the number of FTTH installations per day.

FieldShield FLEXdrop Deploy Reel XL:

Deploying FieldShield FLEXdrop is as easy as traditional RG-6 installs. Here's how:

- XL Deploy Reel holds up to 200 feet of FieldShield FLEXdrop.
- FieldShield FLEXdrop is UV/UL listed and built with bend-insensitive singlemode G.657 A2 fiber and an indoor/outdoor plenum rated flexible sheath.
- FieldShield FLEXdrop can be stapled with standard T18 or other rounded staples, pass through conduits, or placed in riser and plenum spaces.
- No need to know exact fiber lengths because excess FieldShield FLEXdrop remains stored on the deploy reel.
- Mounting pin on the Expansion Bracket provides a simple, click and lock method for easy interchange of deploy reels.
- Two piece snap-on connector: fewer pieces, faster installation
- The FieldShield FLEXdrop pre-connectorized, pushable SC/APC connector requires only a small, one-quarter inch hole to penetrate the wall structure, resulting in a very non-intrusive entry point.



Fiber Slack Storage Options:

- Fiber storage reels designed for fast and easy installation.
- Room to store up to 100 feet of incoming slack (3mm or smaller inner jacket). Option of pin mounting for rotation winding.
- Couplers on the bottom of the enclosure offer easy access for installation of both feeder and drop cables.
- Provides a demarcation access point to test fiber integrity outside the premises.
- No tools required to secure incoming cable. Reduced labor compared to typical strain relief installation.



Take what you know about FTTX installations and just do it easier and faster. Clearfield is an industry leader in both on-time delivery and lead times.

To learn more about how Clearfield's line of FieldShield fiber products can speed deployment and reduce failure rates, visit SeeClearfield.com.



Technical Specifications

FieldShield FLEXdrop Deploy Reel	
Dimensions	5.8" W x 2.125" H (147.30 mm x 54.02 mm)
Material	Black Thermoplastic
Storage Temperature	-40°F to 150°F (-40°C to 65°C)
Pullable Connectors	FieldShield® SC/APC and SC/UPC
Standard Connectors	SC/APC, SC/UPC
Fiber	FieldShield FLEXdrop 3mm
Cable Length	100 and 200 foot lengths (30.48 and 60.96 m)



Pre-Configured Part Numbers

Part Number	Description
FDR-C1FA-DZZ4-F	FLEXdrop Deploy Reel, with SC/APC Adapter, Simplex SC/APC to Pushable SC/APC, Singlemode, 100 Feet, 3 mm FLEXdrop Patchcord
FDR-C1FA-DZZ8-F	FLEXdrop Deploy Reel, with SC/APC Adapter, Simplex SC/APC to Pushable SC/APC, Singlemode, 200 Feet, 3 mm FLEXdrop Patchcord

Configured Part Numbers

F D R - 1 - Z Z

1 2 3 4 5 6

1 Select Front Connector

A = SC/UPC
C = SC/APC
F = LC/UPC DX
H = LC/APC DX

2 Select Jacket Construction

S = StrongFiber (Black)
F = FLEXdrop (Black)
FW = FLEXdrop (White)

3 Select Port Count

A = 1x1 in TAP

4 Select Rear Connector

A = SC/UPC
B = Pullable SC/UPC
C = SC/APC
D = Pullable SC/APC
Z = None

5 Select Length

1 = 25 ft.	7 = 175 ft.
2 = 50 ft.	8 = 200 ft.
3 = 75 ft.	9 = 225 ft.
4 = 100 ft.	A = 250 ft.
5 = 125 ft.	B = 275 ft.
6 = 150 ft.	C = 300 ft.

6 Select Cable Deployment

(Left Empty) = Standard
-R = Opposite
-F = Flange
-RF = Opposite with Flange

FieldSmart SCD Wall Box with Expansion Bracket



Technical Specifications

FieldSmart SCD Wall Box with Expansion Bracket	
Dimensions	12.17" H x 8.62" W x 3.91" D (309.12 mm x 218.95 mm x 99.31 mm)
Material	UV Stabilized, Flame Retardant Polymer (PVC)
Mounting Option	Two exterior mounting ears
Rating	NEMA 4, when combined with closure screws
Latching	Two snap locks to ensure lid seals to base with integrated seal
Security	Security screw with ability to secure padlock
Access	Two HEYCO entry/exit gaskets. 5 lb. max. retention force with flat drop down to 3mm cable.
Storage	100 feet of 3 mm cable (from flat drop) and 200 feet of FLEXdrop on Deploy Reel



Pre-Configured Part Numbers

Part Number	Description
FDRB-CDF4-HHLB-F	Wall Box, plastic, for FieldShield FLEXdrop Deploy Reel XL, includes two couplers and nuts, with 100 ft. FLEXdrop Deploy Reel, 100 foot cable storage X reel, SC/APC connectors and SC/APC adapter and L bracket
FDRB-CDF8-HHLB-F	Wall Box, plastic, for FieldShield FLEXdrop Deploy Reel XL, includes two couplers and nuts, with 200 ft. FLEXdrop Deploy Reel, 100 foot cable storage X reel, SC/APC connectors and SC/APC adapter and L bracket

Configured Part Numbers

F D R B -

1 2 3 4 5 6 7 8 9

1 Select Inside Connector

A = SC/UPC
C = SC/APC
F = LC/UPC DX
H = LC/APC DX

2 Select Take-Off

A = SC/UPC
B = Pullable SC/UPC
C = SC/APC
D = Pullable SC/APC
Z = None

3 Select Jacket

S = StrongFiber (Black)
F = FLEXdrop (Black)
FW = FLEXdrop (White)
Z = None

4 Select Length

1 = 25 ft.
2 = 50 ft.
3 = 75 ft.
4 = 100 ft.
5 = 125 ft.
6 = 150 ft.
7 = 175 ft.
8 = 200 ft.
9 = 225 ft.
A = 250 ft.
B = 275 ft.
C = 300 ft.

5 Select Left Exit/Entrance Port

G = Grommet
H = Strain Relief (Support FLATdrop, 10/6 Microduct, 3mm Jacket)
M = Adapter 3/4"
S = Sealcon (1/2" - 12.7/10 Microduct)
Z = None

6 Select Right Exit/Entrance Port

G = Grommet
H = Strain Relief (Support FLATdrop, 10/6 Microduct, 3mm Jacket)
M = Adapter 3/4"
S = Sealcon (1/2" - 12.7/10 Microduct)
Z = None

7 Select L-Bracket

A = SC/UPC
C = SC/APC
L = Empty
Z = None

8 Select Slack Spool

A = 1 x Storage Spool - 50 ft.
B = 1 x Storage Spool - 100 ft.
C = 2 x Storage Spool - 50 ft.
D = 2 x Storage Spool - 100 ft.
E = 1 x 50 ft. and 1 x 100 ft. Storage Spool
Z = None

9 Select Option

(Left empty) = Standard
-R = Opposite
-S = Splice Chip
-RS = Opposite with Splice Chip
-F = Flange
-FS = Flange with Splice Chip
-RF = Opposite with Flange
-RFS = Opposite with Flange and Splice Chip

FieldShield Slack Storage Options



- Designed for fast and easy installations
- Stores up to 100 feet of 3mm cable
- Mounts to backplane with deploy reel mounting pin
- Allows rotation when coiling slack from FieldShield drop options
 - FLATdrop (peel-and-play)
 - D-ROP (pre-connectorized CIC)



Deploy Reel Mounting Plate



TAP-REEL-EMPTY-50



TAP-REEL-EMPTY-100



FDP-XWB1-06

Pre-Configured Part Numbers

Part Number	Description
TAP-REEL-EMPTY-50	Slack Reel With Mounting Pin, Stores 50 Ft. of 3mm Cable
TAP-REEL-EMPTY-100	Reel, Rotating X Slack Reel for 100 Feet of 3MM Cable, Includes Pilot Holes for Mounting Pin, Includes Pin and Screws
FS-DRP-KIT	Mounting Plate for Deploy Reel with 2 Mounting Screws, Mounting Locations for SC Adapter and 2 Splice Sleeves (Not Included)
FS-DRP-KIT-SCAPC	Mounting Plate for Deploy Reel with 2 Mounting Screws, SC/APC Adapter Included and Mounting Location for 2 Splice Sleeves (Not Included)
SC-DRP-KIT-SCUPC	Mounting Plate for Deploy Reel with 2 Mounting Screws, SC/UPC Adapter Included and Mounting Location for 2 Splice Sleeves (Not Included)
FDP-XWB1-06	FieldSmart Wall Box, Plastic, NEMA 4 Rated, Includes 2 Multi-Purpose Strain Reliefs, and L-Bracket for SC Adapter
FDRB-ZZZZ-HHLB	Plastic Wall Box, NEMA 4 Rated With 2 Multi-Purpose Strain Reliefs and Adapter Bracket Includes Rotating X Slack Reel With Pin, Stores 100 Ft. of 3MM Cable

Installation Video



Home Deployment Kit - 021311