CraftSmart®
Deploy Reel TAP Home Deployment Kit

CLEARFIELD

Application

CraftSmart Deploy Reel 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 CraftSmart Deploy Reel TAP, the Home Deployment Kit packages the required patch cords, angled wall plate with SC adapter, and necessary SC adapter installation accessories in a single box. Truck rolls are minimized and customer turn-up is rapid. Choose the CraftSmart Deploy Reel TAP HDK for environments where plug-and-play along with internal slack storage are desired within the unit mounted outside the home.

CraftSmart Deploy Reel TAP	
The CraftSmart Deploy Reel TAP provides a secure demarcation point between the service provider network and the SFU. CraftSmart Deploy Reel TAP gives the network service provider both the ability to store slack fiber as well to provide a test access point (TAP) for ease of deployment and network maintenance without requiring access to the interior of the customer's home. The FLEXdrop Deploy Reel mounts easily on the supplied pin, allowing 50 and 100 feet of pre-connectorized FLEXdrop riser cable to be deployed into the home. With the ability to accept a variety of drop cables, the CraftSmart Deploy Reel TAP can be wall- or pole-mounted, and can be integrated into any network architecture and deployment.	**Integrity** • Industry standard SC adapter included • Includes entrance points with integrated grommet **Protection** • UV Stable Polycarbonate • Screw latching system with lock hole **Access** • Accepts 3mm cable, peelable flat drop and Small Form Factor FLATdrop **Investment** • Allows testing and troubleshooting access without requiring the homeowner to be present

CraftSmart Angled Wall Plate	
The wall plate is designed to attach to a single-gang outlet box. The angled design of the connection provides a low profile, natural strain relief. This plate and snap-in module is available in white. The SC/APC adapter is included in the assembly.	**Integrity** • Industry standard SC adapter included **Protection** • Angle design **Access** • Easy installation **Investment** • No splice, clean, plug-and-play connection

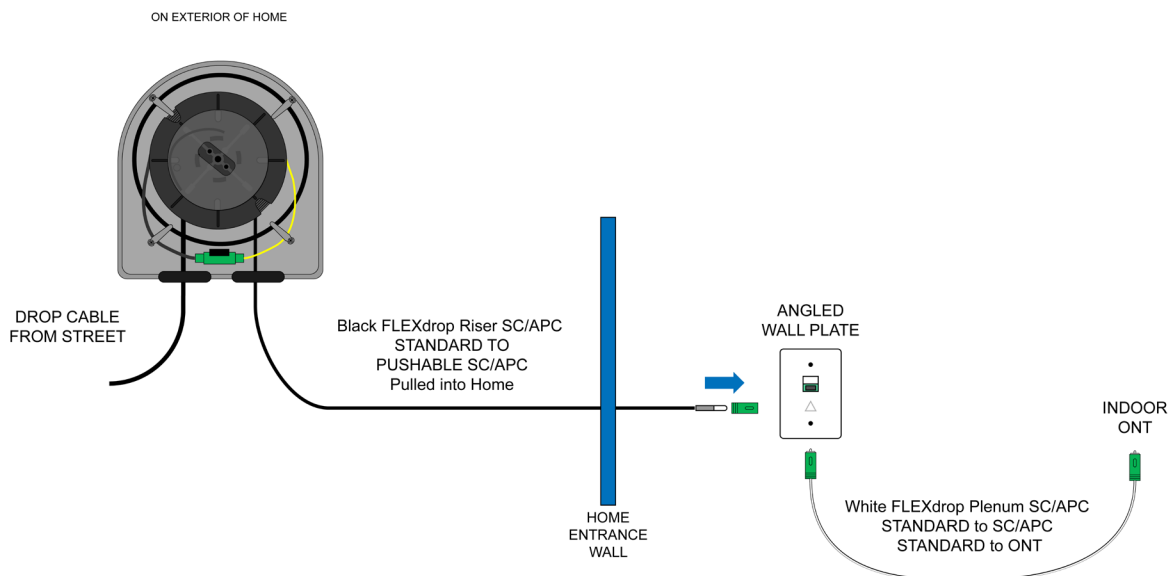| FieldShield FLEXdrop	
FieldShield® FLEXdrop cable has an OSP-rated jacketing that allows for transition of FLEXdrop from the OSP environment directly into the inside plant, with the added benefit of being UL listed for riser applications. FLEXdrop can be used as a building wrap at turn-up, maximizing installation efficiency.	**Integrity** • Available in singlemode • Supports all industry standard connectors • Terminations designed, tested and certified to GR-326 • FLEXdrop fiber cable designed and tested to GR-20 **Protection** • UL listed for riser 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 10mm radius • OSP-rated LSZH jacketing provides ruggedized protection for the patchcord or pigtail • Staple-ready for walls, joists and around corners with Crown T-18 staples **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

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CraftSmart Deploy Reel TAP

ON EXTERIOR OF HOME

DROP CABLE
FROM STREET

Black FLEXdrop Riser SC/APC
STANDARD TO
PUSHABLE SC/APC
Pulled into Home

HOME
ENTRANCE
WALL

ANGLED
WALL PLATE

INDOOR
ONT

White FLEXdrop Plenum SC/APC
STANDARD to SC/APC
STANDARD to ONT

Technical Specifications

CraftSmart Deploy Reel TAP	
Dimensions	11.47" H x 9.28" W x 2.98" D (291.34 mm H x 235.712 mm W x 75.69 mm D)
Color	Gray
Material	UV Stabilized, Flame Retardant Polycarbonate
Adapter Style Receptacle	SC/APC
Port Count	1
Seals	Rubber Membrane Grommet (2)
Mounting Options	Wall or Pole Mount

CraftSmart Angled Wall Plate	
Dimensions	4.5" H x 2.76" W (114.3 mm H x 70 mm W)
Color	White
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Material	ABS
Adapter Style Receptacle	SC (included)
Adapter Slots	1 Angled

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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 ITU G.657.A2
Color Code	TIA/EIA 598
Fiber Count	Single
Pushable Connectors	FieldShield SC/UPC and SC/APC
Standard Connectors	SC/UPC and SC/APC
Mode	Singlemode
Internal Fiber Size	250 μm
Outside Diameter	0.118" (3 mm)
Color	Black or white
Jacket Material	Low Smoke Zero Halogen (LSZH)
Bend-Radius	Standard to ITU 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
Recommended Drop Length	Available in 50 ft. and 100 ft. lengths

Home Deployment Kit Includes:

- CraftSmart Deploy Reel TAP
- CraftSmart Angled Wall Plate
- Black Entrance Cable: FLEXdrop Riser Pushable Fiber (Configurable adapter and lengths)
- White Equipment Cable: FLEXdrop Plenum Pushable Fiber (Configurable adapter and lengths)

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Pre-Configured Part Number

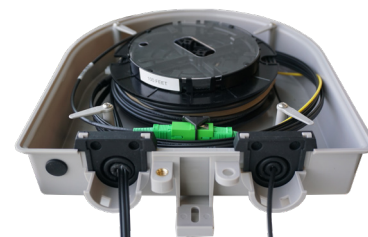| Part Number	Description
HDK-HM1CC-CDR2F4-CCFWA	Home Deployment Kit, Includes: Deploy Reel TAP Box; and Angled Wall Plate FLEXdrop (Black) Deploy Reel Reverse Flange Loaded with Standard Simplex SC/APC to Pushable SC/APC 50 Feet; FLEXdrop Equipment Cable (White): Standard Simplex SC/APC to Standard SC/APC 2 Meters, 1X Mounting Plate with SC/APC Adapter and Angled Wall Plate
HDK-HM1CC-CDR2F6-CCFWA	Home Deployment Kit, Includes: Deploy Reel TAP Box; and Angled Wall Plate FLEXdrop (Black) Deploy Reel Reverse Flange Loaded with Standard Simplex SC/APC to Pushable SC/APC 100 Feet; FLEXdrop Equipment Cable (White): Standard Simplex SC/APC to Standard SC/APC 2 Meters, 1X Mounting Plate with SC/APC Adapter and Angled Wall Plate
HDK-HM1CC-CDR2WF4-CCFWA	Home Deployment Kit, Includes: Deploy Reel TAP Box; and Angled Wall Plate FLEXdrop (White) Deploy Reel Reverse Flange Loaded with Standard Simplex SC/APC to Pushable SC/APC 50 Feet; FLEXdrop Equipment Cable (White): Standard Simplex SC/APC to Standard SC/APC 2 Meters, 1X Mounting Plate with SC/APC Adapter and Angled Wall Plate
HDK-HM1CC-CDR2WF6-CCFWA	Home Deployment Kit, Includes: Deploy Reel TAP Box; and Angled Wall Plate FLEXdrop (White) Deploy Reel Reverse Flange Loaded with Standard Simplex SC/APC to Pushable SC/APC 100 Feet; FLEXdrop Equipment Cable (White): Standard Simplex SC/APC to Standard SC/APC 2 Meters, 1X Mounting Plate with SC/APC Adapter and Angled Wall Plate

Deploy Reel TAP

FLEXdrop Deploy Reel

Angled Wall Plate

6" Flange Deploy Reel

(Installed)