



## Application

The FieldSmart Small Count Delivery (SCD) Case is the industry's only universal drop cable enclosure that can be used with any drop cable media in all application environments. The solution provides configuration flexibility in the FTTH last mile access point with an innovative, intuitive and modular approach, while utilizing proven traditional sealed closure techniques.

## Description

The FieldSmart SCD Case allows you to standardize drop cable deployment methodologies with a single enclosure system. The identical enclosure is shipped with associated mounting hardware to be placed:

- on strand
- on pole
- above-grade pedestal, or
- below-grade level vault environments

The FieldSmart SCD Case extends its flexibility by supporting the feeder or distribution drop option of your choice, including the Miniflex QuikPush drop cable, industry-standard flat drop or round OSP cable using industry standard or HFOC connectors. The system also supports direct splicing to the feeder or to the outbound legs of splitters in distributed split architecture.

## Lower Labor Costs and Other Craft-Friendly Features

The FieldSmart SCD Case is a three-part system, comprised of a base, cable management bulkhead and dome. This modular design allows for removal of the cable management bulkhead for cable prep, termination or splicing in a conditioned environment, such as a splice trailer. The bulkhead provides an integrated splice tray or enables a quick deployment of managed fiber with its snap-on Clearview xPAK capability. Used in conjunction with a CraftSmart vault or pedestal, additional cost savings can be realized by eliminating the sealed dome cover and substituting a UV-rated bag that seals the insert from moisture and uses the cover of the pedestal or vault for physical protection. Dual round entry/exit ports allow for direct landing of feeder cable and/or mid-span techniques. Available in a 5 inch (8-port) or 6 inch (16-port) configuration, the modular approach of the SCD Case reduces the headaches of field installation.

## Complete Fiber Flexibility

When deployed with the Clearview xPAK Cassette, the FieldSmart SCD Case provides for optimal fiber drop cable management and protection, as well as the delivery of optical splitters and other optical component devices. (Available separately. Please see Clearview xPAK data sheet). For complete optical fiber protection, the FieldSmart SCD Case can be deployed as part of Clearfield's RUS-Listed CraftSmart line of field enclosures, including the CraftSmart Fiber Protection Pedestal (FPP) and CraftSmart Fiber Protection Vault (FPV) – (see separate data sheets).

## Features & Benefits

### Integrity

- Enclosures are Telcordia and RUS compliant
- Fiber terminations compliant to Telcordia GR-326
- Supports industry standard SC and LC singlemode connectors
- 100% performance tested for I.L./R.L. and final mechanical inspection
- Telcordia GR-771, optical component integrations 1221/1209 compliant

### Protection

- Airtight and watertight, re-enterable enclosure
- Neoprene sealing grommets and O-rings effectively seal housing and cables
- Enclosure made of high impact, UV resistant thermoplastic material resists corrosive environments
- Lockable sealing clamp - order SCD-Lock separately
- Buried, aerial and pedestal mount applications
- Integrated fiber management protects fibers from micro and macro bend damage

### Access

- Lockable clamp allows for easy access to closure
- Clearfield's pre-terminated xPAK integration allows for quick fiber distribution and deployment
- Removable, modular bulkhead allows for cable prep, termination, and splicing away from access point in conditioned environment
- Removable sealed plugs and grommet kit allow for rapid deployment and sealing of feeder and distribution drops without the use of any special tools or equipment
- Intuitive mounting hardware allows for easy removal from access mount locations
- Built in splice tray on bulkhead allows for mid-span splicing
- Pole/wall/vault bracket included with each unit. Pedestal bracket included with 1022 pedestal (see separate data sheet).

### Investment

- Pre-configured/pre-loaded factory terminated assemblies
- Patch and splice compatible
- Small fiber count - "grow-as-you-go"
- Pre-loaded feeder to Clearview xPAK assemblies for consolidated splice point serving area techniques
- Pushable Fiber ready for rapid deployment and restoration of drop cables



Front - with xPAK  
mounted on backplane



Rear - showing cable routing  
and slack storage

# FieldSmart Small Count Delivery (SCD)



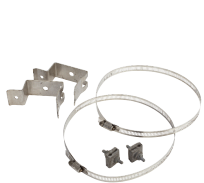
## CASE

### Dimensions/Specifications

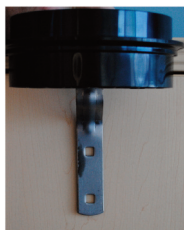
	SCD-Case-5 - (Small)	SCD-Case-6 - (Large)
O.D. (Cover and base)	5.5" (139.70 mm) Diameter	6.8" (174.75 mm) Diameter
Cover Length	17.25" (439.15 mm)	16.63" (422.40 mm) Diameter
Cable Entrance/Exit Ports	9 plus 1 figure-8	16 plus 1 figure-8
xPAK Capacity	1	2
Splitter Capacity	1 - 1 x 8	2 - 1 x 8
Splice Capacity - Interconnect or pre-terminated	6 - SC 12 - LC	12 - SC 24 - LC
Midspan splice capacity	8	16
Recommended midspan maximum fiber capacity	48 count fiber	96 count fiber
Maximum recommended slack storage capacity - feet	10 feet - 48 count fiber	6 feet - 96 count fiber

### Mounting Applications

Mounting Applications	Mounting Bracket Part Number	Use Corresponding CraftSmart Pedestal or Vault
Aerial (Stand)	SCD-STRD	N/A
Aerial (Pole)	Bracket (included with case)	N/A
Above Grade (Pedestal)	Bracket (included with 1022 pedestal)	FPP1022-DG-SCD FPP1022-LG-SCD
Below Grade (Vault)	VA-STUB - Universal mounting bracket (included in vault)	FPV1730 FPV2436 FPV3048



**Aerial/Strand -**  
SCD Case mounting kit



**Aerial Pole/Wall -**  
SCD Case mounting bracket – included with every unit



- Above-Grade (Pedestal)**
- SCD Case mounted in 10" ped with cover
  - SCD Case mounted without dome
  - Mounting bracket included with pedestal



**Below-Grade (Vault)**  
SCD Case inside grade level vault – up and down position. Order VA-STUB universal mounting bracket.

### Pre-Configured Part Numbers

Part Number	Description
SCD-CASE-5	5" SCD Case with dome, back plane, grommets, single ground stud
SCD-CASE-5B	5" SCD Case without dome, baggie, back plane, grommets, single ground stud
SCD-CASE-6	6" SCD Case with dome, back plane, grommets, single ground stud
SCD-CASE-6B	6" SCD Case without dome, baggie, back plane, grommets, single ground stud
SCD-STRD	Aerial/Strand mounting bracket kit
013032	Exterior/Toneable ground bar
SCD-ACC-5	Replacement grommet kit for SCD-Case-5/5B
SCD-ACC-6	Replacement grommet kit for SCD-Case-6/6B
012968	Clamp kit for flat drop cable
SCD-LOCK	Brass lock for SCD-Case 5/6
VA-STUB	Universal mounting bracket



Brass Pad Lock

### Ordering Information - Each step will be a line item on the order.

1. Select size of case
  - a. SCD-CASE-5
  - b. SCD-CASE-5B
  - c. SCD-CASE-6
  - d. SCD-CASE-6B
  
2. Select xPAK and/or splitter
  - a. xPAKs - **From FieldSmart xPAK ordering guide**
    - i. Capacity - 1 xPAK for SCD-CASE-5/5B
    - ii. Capacity - 2 xPAKs for SCD-CASE-6/6B
  - b. Splitters - **from FieldSmart Fiber Scalability Center (FSC) Ruggedized Splitter ordering guide**
    - i. Capacity - 1 1x8 for SCD-CASE-5/5B
    - ii. Capacity - 2 1x8 for SCD-CASE-6/6B
  
3. Select mounting option
  - a. Pole/wall - brackets included with all SCD-CASEs
  - b. Aerial/strand - for both size SCD-CASEs - order SCD-STRD bracket
  - c. Vault - **select vault size and cover from CraftSmart Fiber Protection Vault ordering guide** - mounting bracket VA-STUB included with vault.
  - d. Pedestal - **Select size and color from CraftSmart Fiber Protection Pedestal ordering guide** - mounting bracket included with pedestal.
  
4. Other options
  - a. Exterior ground bar - toneable - order part number 013032
  - b. Replacement grommet kits
    - i. SCD-ACC-5 - for 5" SCD Case
    - ii. SCD-ACC-6 - for 6" SCD Case
  - c. Flat drop cable - order part number 012968
  - d. Pushable Fiber - TuffNut and/or TuffDuct - see Pushable Fiber ordering guides
  - e. Brass pad lock

For pre-configured feeder/drop cabled into xPAK and SCD Cases, please contact your local Clearfield sales representative for ordering details.