FieldSmart®
Small Count Delivery (SCD) Case

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 sealing 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 a strand, on a pole, on an above-grade pedestal (fixed or tilted) or in a below grade level vault environment.

The FieldSmart SCD Case extends its flexibility by supporting the feeder or distribution drop option of your choice, including 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, a cable management bulkhead and a 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 xPAK capability. It can be used in conjunction with a CraftSmart® vault or pedestal. Dual round entry/exit ports allow for direct landing of feeder cable and/or mid-span techniques. Available in a 6" (16-port) configuration, the modular approach of the SCD Case reduces the headaches of field installation.

Features and Benefits

Integrity
- RUS listed (enclosures)
- Terminations are designed and tested to Telcordia GR-326
- Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Compliant to Telcordia GR-771 and GR-1221/1209
- 100% performance tested for insertion loss, return loss and final mechanical inspect
- Supports FieldShield Pushable SC and dual LC singlemode connectors

Protection
- Airtight, watertight and 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 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

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

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Technical Specifications

FieldShield Small Count Delivery (SCD) Case	
Outside Diameter (Cover and base) Dimensions	6.8" (174.75 mm) Diameter
Cover Length	16.63" (422.40 mm) Diameter
Cable Entrance/Exit Ports	17 plus 1 figure-8 & 1 branch port
xPAK Capacity	2
Splitter Capacity	2 - 1 x 8
Splice Capacity Interconnect or pre-terminated	12 - SC 24 - LC
Mid-Span Splice Capacity	16
Recommended Mid-Span Maximum Fiber Capacity	96 count fiber
Maximum Recommended Slack Storage Capacity	6 feet - 96 count fiber
Mounting Options	Aerial (Strand) - SCD-STRD Aerial (Pole) - bracket (included with case) Above Grade Pedestal (Stationary) - bracket (included with 1022 pedestal) Above Grade Pedestal (Tilt) - 014304 Below Grade (Vault) - VA-STUB - Universal mounting bracket (included in vault)

Configured Part Numbers

Part Number	Description
SCD-CASE-6	6" SCD Case with dome, back plane, grommets, single ground stud
SCD-STRD	Aerial/Strand mounting bracket kit
013032	Exterior/Toneable ground bar
012968	Clamp kit for flat drop cable
SCD-LOCK	Brass lock for SCD-Case
VA-STUB	Universal mounting bracket
014304	Tilt bracket for BD5, BD6, BD7

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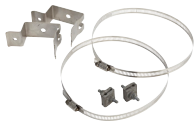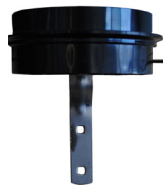
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Ordering Information

Each step will be a line item on the order.

1. Select SCD-CASE-6

2. Select xPAK and/or splitter
      a. xPAKs - From FieldSmart® xPAK ordering guide
          i. Capacity - 2 xPAKs for SCD-CASE-6
      b. Splitters - From FieldSmart Fiber Scalability Center (FSC) Ruggedized Splitter ordering guide
          i. Capacity - 2 1x8 for SCD-CASE-6

3. Select mounting option
      a. Pole/wall - brackets included with all SCD-CASEs
      b. Aerial/strand - order SCD-STRD bracket
      c. Vault - Select vault size and cover from CraftSmart® Fiber Protection Vault ordering guide - mounting bracket VA-STUB included
      d. Pedestal - Select size and color from CraftSmart Fiber Protection Pedestal ordering guide - mounting bracket included

4. Other options
      a. Exterior ground bar - toneable - order part number 013032
      b. Replacement grommet kits available. Please contact Clearfield® for details.
      c. Flat drop cable - order part number 012968
      d. Brass pad lock
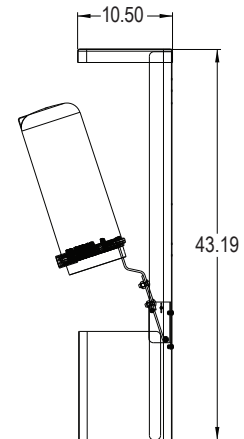
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Mounting Options

Aerial/Strand
SCD Case mounting kit

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

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

Tilting Pedestal Bracket
014304