Fiber Drop Repair Kit

Part Number:
OSC-1-40-00-21

The Fiber Drop Repair Kit is a multipurpose, small-capacity splice and drop repair closure. This easy-to-open, gel-sealing, in-line or butt splice, four-port enclosure can be opened with two latches and does not require any tools.

This closure offers strain-relief areas on each port (before and after the sealing area) as well as a cable strength member retention device for aramid yarns or fiberglass members. With two ports on each end, this closure can be used in-line or butt and does not require a plug to seal the unused port(s). The closure is available in two colors: an OSP, UV-rated black as well as a light gray, offering better concealment for wall-mount or façade applications.

Inside the closure is a new multipurpose fiber management tray that enables a wide range of splicing or connecting applications. Fiber manager supports both single- and ribbon-fiber splicing as well as Corning® Fibrlok® mechanical splices. This fiber repair closure also supports connector applications with a holder for two SC (or four LC Duplex) adapters.

The cable ports have been designed to support a wide range of round cable or drops as well as flat drop cables such as SST-Drop™ and ROC™ Drop. The closure is designed for outdoor applications and is rated for water immersion up to three feet (1 m).

Features and Benefits

Compact Re-enterable Enclosure
Easy to open, multiple times, without tools.

In-line 4-Port Closure
Allows in-line or butt drop repair application as well as small-capacity cable branching application from a feeder cable.

Multipurpose Fiber Manager
Enables both single and ribbon fiber and mechanical splicing as well as SC or LC connectivity.
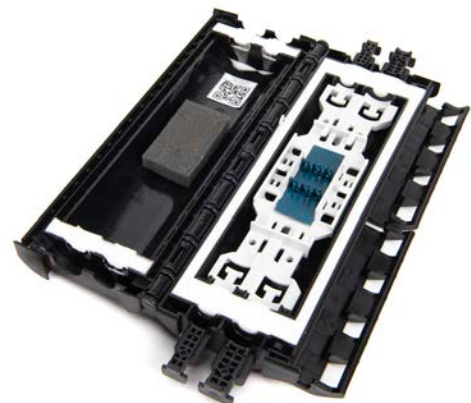
Double-sided Removable Fiber Manager
Buffer storage underneath, splicing and connectivity on front side. Closure removable without service interruption.

Multiple Cable
Designed for round, drop, as well as Flat SST-Drop, and ROC Drop cables.

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Fiber Drop Repair Kit - fiber manager with changeable splice or connector holder (center)

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Specifications

Cables	
Number of Cable Ports	4 (In-line 2+2)
Port Diameters and Cable Type	Large: Round cables from 4 to 8 mm diameter or Flat SST-Drop™ or ROC™ Drop Small: Round cables from 4 to 6.5 mm diameter or Flat SST-Drop or ROC Drop
Strain-Relief	External cable ties, internal cable ties, cable central or lateral strength member, aramid yarn clamp

Splicing & Connectivity	
Single Fiber Splice Capacity	12 Fibers
Ribbon Fiber Splice Capacity	36 Fibers
Mechanical Splice Capacity	6 Corning® Fibrlok® 2529 Mechanical Splice
Connectivity	2 SC or 2 LC Duplex

Temperature Range	
Operation Temperature	-40ºC to +65ºC
Installation Temperature	-18ºC to +40ºC

Specification	
Water Immersion	1 meter / 7 days
Cable Retention	25 lb @ -18ºC and 40ºC

Dimensions	
Overall Dimensions (H x W x D)	295 x 91 x 49 mm (11.6 x 3.6 x 1.9 in)
Splicing Area	178 x 55 x 40 mm (7.0 x 2.2 x 1.5 in)

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Ordering Information	
Package Contents	Box of 10 Fiber Drop Repair Closures
Minimum Ordering Qty	10

Catalog Number	Description	Kit Content
OSC-1-10-10-21	OSC, 6-12 SPL, 2SC HOLDER, 2 CSM, BLK	Fiber Drop Repair Kit with 2-cable CSM, 1 holder for 2 SC APC adapters (not included), 1 holder for 6 single fusion splices, 1 holder for 12 single fusion splices, 2.4-mm fusion sleeves (not included), color: black
OSC-1-40-00-21	OSC, 12 SPL, RIBBON, FIBRLOK, 2 CSM, BLK	Fiber Drop Repair Kit with 2-cable CSM, 1 holder for ribbon splices (sleeves not included), 1 holder for 12 single fusion splices, 1 holder for 6 Corning® Fibrlok® mechanical splices, color: black
OSC-2-10-10-21	OSC, 6-12 SPL, 2SC HOLDER, 2 CSM, GRY	Fiber Drop Repair Kit with 2-cable CSM, 1 holder for 2 SC APC adapters (not included), 1 holder for 6 single fusion splices, 1 holder for 12 single fusion splices, 2.4-mm fusion sleeves (not included), color: light gray
OSC-2-40-00-21	OSC, 12 SPL, RIBBON, FIBRLOK, 2 CSM, GRY	Fiber Drop Repair Kit with 2-cable CSM, 1 holder for ribbon splices (sleeves not included), 1 holder for 12 single fusion splices, 1 holder for 6 Fibrlok mechanical splices, color: light gray

RoHS
COMPLIANT