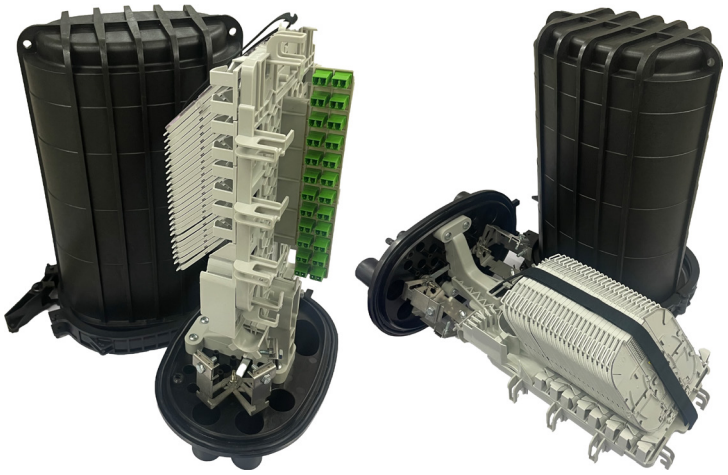
Sapphire™ Dome Splice Closure with Cornerstone™ Splice Cassettes

Features & Benefits

- Cold (gel) sealing
- Express port for pass-through application
- Compatible with a wide range of distribution and drop cables
- Robust, chemical resistant body, ribbed for additional mechanical strength
- IP-68 rated
- Includes the Cornerstone™ fiber management and splicing system
- Uncut tube storage basket
- Supports PLC splitters and pre-connectorized applications



Overview

The Sapphire™ Dome Splice Closures with Cornerstone™ Splice Cassettes are designed to provide reliable and long-lasting protection for optical fibers and splices. The closures are also extremely versatile and user-friendly for installation, configuration and maintenance.

The combination of the Cornerstone™ splicing system components and an adapters plate holder allows the dome closure to support as many expandable configurations requested in the field for any specific applications.

All cable ports are sealed using a wide range of cold sealing insert.

Mechanical Data

Dimensions (H x W x D)	Material	Weight
See technical drawing	Dome, Base, Sealing Clamp: High impact resisting PP + 20% FG Splice Cassettes - PC + ABS Port sealing inserts - Silicon Grounding and cable brackets – galvanized metal	Medium size: 5.2kg (with splice cassettes and adapters) Large size: 6.5kg (with splice cassettes and adapters)

Cable ports	IP rating
Oval port, max 12 mm (.7 in) diameter 5 Round ports, max 20 mm (.9 in) diameter 11 drop cable ports, max 7 mm (.3 in) diameter	IP 68

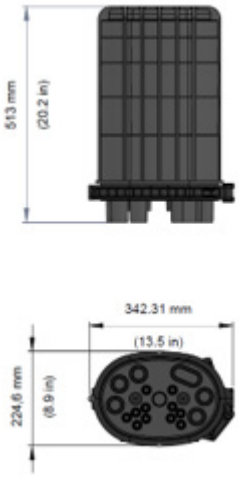
Sealing method	Splice and adapters capacity
Cold (gel) sealing with silicon port inserts	Medium - 288 splices, 24 adapters (SC simplex or LC duplex) Large - 504 splices, 36 adapters (SC simplex or LC duplex)

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Environmental Data

Operation temperature	Storage temperature
-40 to +70°C (-40 to 158°F)	-40 to +70°C (-40 to 158°F)

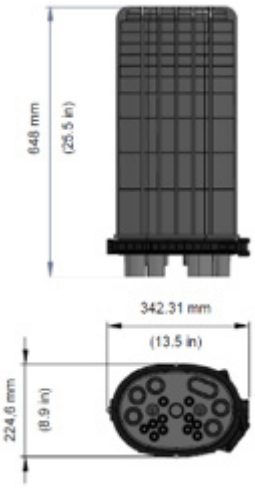
Technical Drawing





Splice and adapters capacity – Medium size

288 splices, 24 adapters (SC simplex or LC duplex)





Splice and adapters capacity – Large size

504 splices, 36 adapters (SC simplex or LC duplex)

These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

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Sapphire™ Dome Splice Closure with Cornerstone™ Splice Cassettes

Ordering Information

Example CDSC- M L A 2 4 1 C 2 4 0 0

1 2 3 4 5 6

1 Terminal Size
L = Large
M = Medium

2 Adapters Type
SA = SC Simplex APC Green
SU = SC Simplex UPC Blue
LA = LC Duplex APC Green
LU = LC Duplex UPC Blue
NN = No Adapter

3 Adapters Count
00 = No Adapters
24 = 24
36 = 36

4 Splice Tray Type
1H = 12F Heat Shrink
2H = 24F Heat Shrink
1C = 12F Crimp Splice
2C = 24F Crimp Splice
XX = No Splice Trays

5 Number of Splice Trays
XX = No Splice Trays
01 = 1
...
42 = 42

6 PLC Splitter
00 = No Splitter
02 = 1x2
04 = 1x4
08 = 1x8
16 = 1x16
32 = 1x32

Accessories

Part Number	Description
DSCG-SOGL	Cable sealing set for oval port –Gel type
DSCG-SRGL114	Cable sealing set for Round port –Gel type one cable 11-14 mm (.43 - .55 in)
DSCG-SRGL116	Cable sealing set for Round port –Gel type one cable 14-16 mm (.55 - .6 in)
DSCG-SRGL120	Cable sealing set for Round port –Gel type one cable 18-20 mm (.7 - .8 in)
DSCG-SRGL211	Cable sealing set for Round port –Gel type two cables 8-11 mm (.3 - .4 in)
DSCG-SRGL407	Cable sealing set for Round port –Gel type four cables 5-7 mm (.2 - .3 in)
DSCG-PML	Pole mount bracket for Medium / Large closure
DSCG-SDGL107	Cold seal for single drop port – Gel type for cable 5-7mm
DSCG-SRHS	Cable sealing set for round port – Heat shrink type
DSCG-SOHS	Cable sealing set for oval port – Heat shrink type

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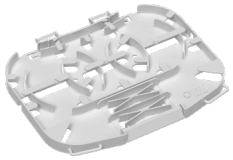
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Feeder Grommet

Type of Sealing	Type of Cable	Color
Cold Sealing	4x 5-7 mm (.2 - .3 in) diameter	Yellow
Cold Sealing	2x 8-11 mm (.3 - .4 in) diameter	Red
Cold Sealing	2x 11-14 mm (.43 - .55 in) diameter	Green
Cold Sealing	1x 14-16 mm (.55 - .6 in) diameter	Blue
Cold Sealing	1x 18-20 mm (.7 - .8 in) diameter	White

Cornerstone™ Splicing System Components

Part Number	Product Description	Product Photo
CSS014A12	Splice cassette single height (SC) for 12 HS splice protectors, light grey, pack of 12	
CSS015A12	Splice cassette single height (SC) for 12 crimp splice protectors (ANT), light grey, pack of 12	
CSS016A12	Splice cassette double height (SE) for 24 HS splice protectors, light grey, pack of 12	
CSS017A12	Splice cassette double height (SE) for 24 crimp splice protectors (ANT), light grey, pack of 12	
CSS018A12	Splice cassette double height (SE) for ribbon splice protectors and PLC splitters, light grey, pack of 12	
CSS022A12	Splice cassette double height (SE) for two PLC splitters and for four HS splice and four crimp splice protectors (ANT), light grey, pack of 12	