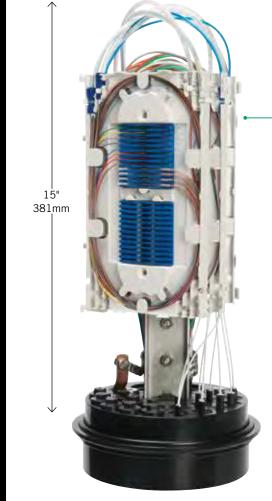


Which Green Hornet is Best for Your Application...G6, G9, or G5?

All Green Hornet models offer a wide range of customizable options and configurations, allowing for flexibility in your FTTX network plan. From conventional and blown fiber. to flat and oval trays, to compression and lubricated grommets, Green Hornet is the most versatile closure in the world.



G6

6" x 15" 152mm x 381mm

Conventional Fiber

Lubricated grommet

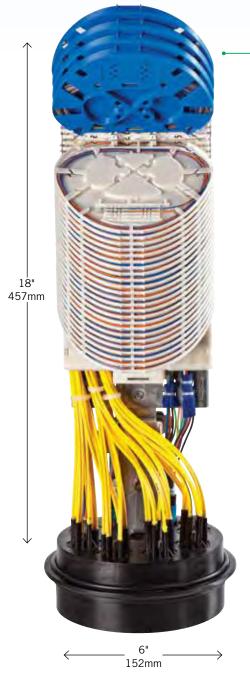
Tray Design/Max Capacity 4 flat splice trays

Max Splice Capacity

96 single-stacked splice 192 double-stacked splices

Max Drop Density

16 distribution ports, 1 main oval port, 1 branch port, 1 spare port for bonding and grounding



6" x 18" 152mm x 457mm

Conventional Fiber

Compression grommet

Tray Design/Max Capacity

Oval Tray Design- 32 single circuit trays, or 24 single circuit trays and 4 single element trays, or a combination of the two

Max Splice Capacity

96 single-stacked splice 192 double-stacked splices

Max Drop Density

6 interchangeable ports and 1 main oval port for a max of 36 distribution ports, 6 single branch ports, or combination of the two

6" x 18" 152mm x 457mm

Conventional Fiber

Compression grommet

Tray Design/Max Capacity: 4 flat splice trays

Max Splice Capacity:

96 single-stacked splice 192 double-stacked splices

Max Drop Density:

6 interchangeable ports and 1 main oval port to offer a maximum of 36 distribution ports, 6 single branch ports, or a combination of the two









5" x 15" 125mm x 381mm

Conventional Fiber

Lubricated grommet

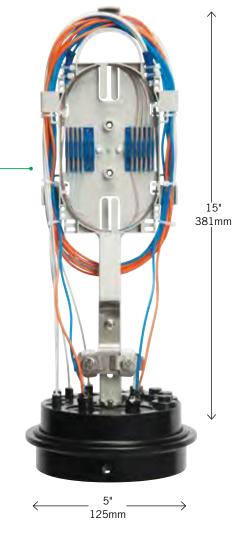
Tray Design/Max Capacity: 4 flat compact splice trays

Max Splice Capacity:

48 single-stacked splices

Max Drop Density:

8 distribution ports, 1 main oval port, and 1 ground port



Green Hornet G9 FTTH Closure

Channell offers several mounting bracket options to accommodate any Green Hornet application, from aerial, to, pole, to subsurface.





229mm

9" x 20" 229mm x 508mm

Blown Fiber

Lubricated grommet

Tray Design/Max Capacity:

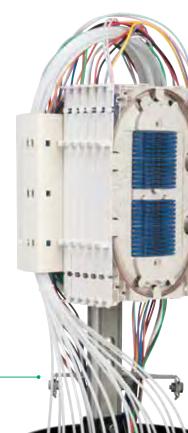
Oval-Single circuit and single element trays

Max Splice Capacity:

56 single circuit trays: 4 splices per tray, 224 fiber splices 28 single element trays: 12 splices per tray, 336 fiber splices

Max Drop Density:

72 individual drops



G9

9" x 20" 229mm x 508mm

Conventional Fiber

Lubricated grommet

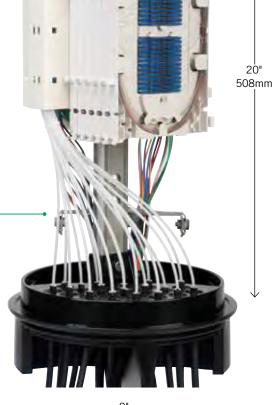
Tray Design/Max Capacity: 6 flat splice trays

Max Splice Capacity:

144 single-stacked splices 288 double-stacked splices

Max Drop Density:

16 distribution ports, 1 main oval port, 2 branch ports, and 1 ground port







Grommet Sealing Technologies Offer Power and Choice

Channell's new
Compression Grommet
brings high drop density
to a whole new level. Introducing
the newest member of the
Green Hornet series: The G6
with Compression Grommet
Sealing Technology.

Compression Grommet Sealing

- Bolt driven sealing system: Bolt drives compression which creates an environmental seal
- Completely environmentally sealed: air/water tight weatherproof, and flood proof (in accordance with GR-771-CORE testing requirements)
- Quick and efficient installation
- Intuitive and easy to use
- No special tools are required

Interchangeable Grommet Sealing System

The base offers 1 main cable oval port seal and 6 interchangeable ports that accommodate single cable compression grommets and multiple cable compression grommets giving you the ability to design your own configuration.

The unit offers a max of 36 distribution ports (6 multiple cable compression grommets), 6 single branch ports (single cable compression grommet), or a combination of the two.



Compression Grommet Installation



Step 1 Install the empty grommet into the port then push the cable through.



Step 2
Tighten the bolt.

Lubricated Grommet

Channell's patented lubricated grommet sealing technology offers an instant, reliable, and guaranteed environmental seal with superior cable retention:

- Offers both cable retention and a guaranteed seal in a single unit
- Completely environmentally sealed: air/water tight, weatherproof, and flood proof (In accordance with Telecordia GR-771-CORE testing requirements)
- Quick, efficient, and tool-less installation: on average, takes less than 1 minute to install
- Superior pull out strength
- Accommodates multiple cable configurations
- · Long-term structural integrity



Lubricated Grommet Installation



Step 1
Measure the cable



Step 2
Snip the grommet



✓ Step 3

Lubricate the grommet with Channell lube



Step 4
Install the grommet into the desired port







GR 771 = The Americas

IEC 61300 = International: Australia, New Zealand, Asia, Europe, Africa, Middle East

TEST PERFORMANCE MEASURES

Criteria	Reference Specification	Requirements
Sealing	IEC 61300-2-23; GR 771 5.4.6	No water intrusion
Tightness	IEC 61300-2-38	No continuous air escape
Appearance/Visual	IEC61300-3-1	No performance effecting damage
Optical Measurements	IEC 61300-3-3, 5, and 44 ; GR-771 A.2	Attenuation change

MECHANICAL PERFORMANCE SEQUENCE

Item	Test	Reference Specification	Requirements
1	Cable Clamping	GR-771 5.3.1	Appearance, Tightness,Optical Measurements
2	Sheath Retention	IEC 61300-2-4, GR-771 5.3.2	Appearance, Tightness, Optical Measurements
3	Cable Flexure	IEC 61300-2-37, GR 771 5.3.3	Appearance, Tightness, Optical Measurements
4	Cable Torsion	IEC 61300-2-5 ; GR 771 5.3.4	Appearance, Tightness, Optical Measurements
5	Vertical Drop	GR-771 5.3.5	Appearance, Tightness
6	Crush Resistance	IEC 61300-2-10, GR-771 5.3.6	Appearance, Tightness
7	Axial Compression	IEC-61300-2-11	Appearance, Tightness
8	Impact - Drop Tube	IEC 61300-2-12, GR-771 5.3.7	Appearance, Tightness
9	Water Resistance	IEC 61300-2-23 ; GR 771 5.4.6	Appearance, Tightness, Sealing
10	Central Strength Member	IEC 61300-2-11, GR-771 5.3.10	No protrusion
11	Vibration	GR-771 5.3.9 ; IEC-60068-2-6	Appearance, Tightness

ENVIRONMENTAL PERFORMANCE

	Item	Test	Reference Specification	Requirements
4	1	Thermal Aging	GR771 5.4.1	Sealing
	2	Assemby and Reconfiguration	IEC 61300-2-33, GR-771 5.4.2	Appearance, Tightness
	3	Temperature/Humidity Cycling	GR-771 5.4.3	Appearance, Tightness
	4	Temperature Cycling	IEC-61300-2-22	Appearance, Tightness, Sealing
	5	Freeze/Thaw	GR-771 5.4.4	Appearance, Tightness
	6	Water Resistance	IEC-61300-2-23, GR-771 5.4.6	Sealing
,	7	Corrosion Resistance	IEC-61300-2-26, GR-771 5.5.3	Appearance, Sealing
3	8	Chemical Resistance	IEC 61300-2-34, GR-771 5.5.4	80% Property retention
	9	UV Resistance	GR771 5.5.5	80% Property retention

FiberX "Special Weapons"



The Seal of Steel

Channell's grommet sealing technologies offers an instant, reliable, and guaranteed environmental seal with superior cable retention:

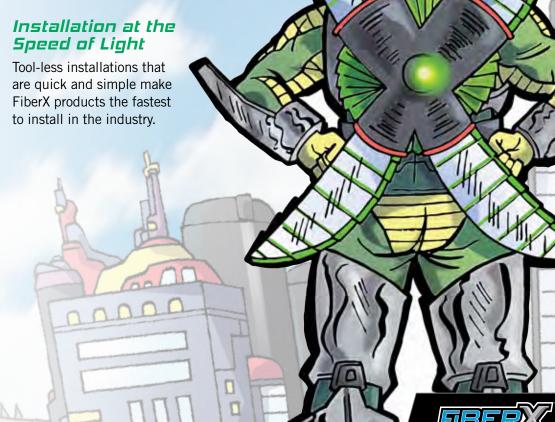
- Completely environmentally sealed: air/water tight, weatherproof, and flood proof (in accordance with Telecordia GR-771-CORE and IEC 61300testing requirements)
- Quick, efficient, and tool-less installation: on average, takes less than 1 minute to install
- Superior pull out strength
- Accommodates multiple cable configurations
- Long-term structural integrity



High Drop Density

- Yields the lowest installation cost
- Increases system reliability by reducing the number of fiber access points
- Accommodates up to 72 drops per closure







OPTIMAL FIBER SPLICE MANAGEMENT SYSTEM

Conventional Fiber

Flat Splice Tray Design

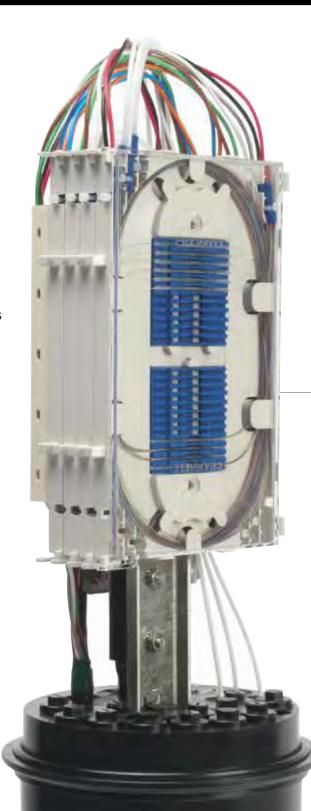
- Hinged, stackable, and removable, which enables technicians to splice inside the closure, or remove trays and splice outside of the closure
- Accommodate single-fusion, mass-fusion, or mechanical splicing
- Each splice tray accommodates up to 24 single-stacked splices or 48 double-stacked splices.

Grommet Options

 Can accommodate both compression and lubricated grommets.



Compression grommets





Slack storage tray

Slack Storage Tray

- Allows any expressed or uncut tubes/fibers to be looped, stored, and routed within the back of the enclosure
- Permits more slack and better organization

Splice Holders

- Accommodate, secure, and protect single-stacked or double-stacked splices
- Each splice tray features2 splice holders
- Each holder has a max capacity of 12 single-stacked spliced or 24 doublestacked splices

G6 conventional fiber with flat trays and lubricated grommets

Oval Splice Tray Design Oval trays allow you to mix and match to create a combination of single circuit and single element trays.

PASSIVE OPTICAL COMPONENTS

Our trays can house a wide range of passive optical components—including CWDM multiplexers, splitters, and patch panels—allowing for an even greater range of flexibility in your network.

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CWDM Multiplexers



Splitters



✓ Patch Panels

G6 conventional fiber with single circuit and single element oval trays and compression grommets



OPTIMAL FIBER SPLICE MANAGEMENT SYSTEM

Blown Fiber

Tray Design —

• The oval tray design used in blown fiber applications allows you to mix and match the tray modules to create a customized combination of single circuit and single element trays. Therefore, the max splice capacity may vary depending on what combination is used.



Single element tray



• Can accommodates passive optical components such as splitters

 Can accommodates passive optical components



Single element tray with splitter on G9



Connect & Protect with the FiberXconnect

The Xconnect is a special weapon used by the FiberX team to connect the central network to the blown fiber tubes; and most importantly, protect this connection.

- Capable of connecting and protecting 10 blown fiber tubes
- Environmentally sealed: Air tight/Water tight
- Impervious to hostile environments
- Quick installation



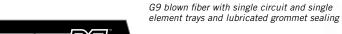




Environmentally sealed with Channell's lubricated grommet sealing technology.

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FiberX[™] is a superhero fiber optic product team in the Channell Universe that is dedicated to the protection of fiber optics. FiberX is committed to making the world of fiber optics a better place through design, innovation, and service.

FiberX products feature an optimal fiber splice management system that is simple, organized, and craft-friendly. With a wide range of features and accessories, FiberX offers a customized solution to meet the needs of any FTTX application.

The strength of FiberX has evolved from Channell's 90 years of experience and leadership in thermoplastic enclosures for the telecommunication and broadband industries. FiberX embodies the same patented, reliable, and proven features that have contributed to Channell's reputation and great success.

FOR MORE INFORMATION ABOUT FIBERX PRODUCTS. CALL 800-423-1863.







BUTT SPLICE CONFIGURATION CLOSURE SERIES

FREE-BREATHING CLOSURE SERIES

INLINE SPLICE CONFIGURATION CLOSURE SERIES





CABLE MANAGEMENT PIT/VAULT SYSTEM SERIES



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