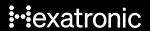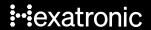# Large Hexatronic Dome Closure – Splice Only

Large Hexatronic Dome Closure up to 672f

Features

- LHDC-AA: 288 (576) Splice Capacity
- LHDC-AB: 672 (1344) Splice Capacity
- IP68: watertight base and dome with clamp and O-ring system
- Easy access tear-out ports seals
- Mechanical compression port seals. No heat shrink required.
- Strong and lightweight, single-piece raceway construction.
- Quick and easy installation
- Central mid-span storage.
- Versatile: customizable according to your needs.
- Various glands to fit all types/sizes of cables and BFT.

- Safe area for midspan storage.
- Mandrel for switching direction of entry fibres.
- Quick and easy installation of extra splice tray.
- Various accessories for holding splitters/ connectors assemblies/ pigtails.

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Application

The Heatronic Dome Closures are suitable for all jointing and branching applications and can also be utilised as splitter locations and customer connection points.

Design

Introducing the Hexatronic Dome Closure Family - offering reliability, ease of use and a secure solution to cater for all network scenarios, whether it be splicing, the use of splitters or customer connectivity.

The Hexatronic LHDC is an IP68-rated dome closure with up to 56 x 12/24 fibre splice cassettes that provide ample splice capacity for any jointing and branching applications. Easy access tear-out ports and mechanical port seals make cable entry simple and secure. The LHDC is a versatile closure with the ability to house splitters and connectivity, with a wide range of port seals available to suit cables and duct up to 21mm.

These IP68-rated closures are designed to provide maximum splice capacity and functionality. The compact form, intelligent fibre-routing, easy access tear-out ports, and mechanical compression seals will minimise valuable time spent on site.

The Hexatronic Dome Closure Family comes in four customizable sizes to suit any specific requirements of your network build. Its quick and straightforward installation, as well as secure maintenance features, offer a versatile modular platform providing a reliable future-proof solution.

The Hexatronic Dome Closures are IP68 rated, ensuring a watertight base and dome with a clamp and integrated O-ring system that makes them perfect for use in harsh environments. They are designed with Hexatronic's key principles in mind, speed of deployment, ease of use, innovative thinking and high quality.

All closures are versatile and customisable, with various accessories for holding splitters, connector assemblies, and pigtails.

Product Information

- Ports: 5
- Cable Diameter: 5-21mm
- Splice Capacity: 672 (1344)

Naming Convention

- SHDC-AA: 144f (288f)
- SHDC-AB: 288f (576f)
- LHDC-AA: 288f (576f)
- LHDC-AB: 672f (1344f)

The smaller size domes are denoted by "SHDC," which stands for "Slim Hexatronic Dome Closure." These closures are available in two sizes, SHDC-AA and SHDC-AB, with splice capacities of 144f (288f) and 288f (576f) respectively. These smaller dome closures are ideal for applications where

space is limited, but high splice capacity is still required.

The larger dome closures are denoted by "LHDC," which stands for "Large Hexatronic Dome Closure." These closures are also available in two sizes, LHDC-AA and LHDC-AB, with splice capacities of 288f (576f) and 672f (1344f) respectively. These larger dome closures are perfect for applications where a higher splice capacity is needed, such as in larger network builds or installations.

Technical Information

Product Color	Black/Blue
IP Rating	IP68

Articles 20

Article name

Large Hexatronic Dome Closure - 144 (288) - 288 (576) Additional Tray Capacity - Mobra/Pole – 5 Port Seal Capacity
FCLD-LHDC-AA-144HS

Large Hexatronic Dome Closure - 144 (288) - NA Additional Tray Capacity - Mobra/Pole – 5 Port Seal Capacity
FCLD-LHDC-AA-288HS

Large Hexatronic Dome Closure - 288 (576) - 672 (1344) Additional Tray Capacity - Mobra/Pole – 5 Port Seal Capacity
FCLD-LHDC-AB-288HS

Large Hexatronic Dome Closure - 576 (1152) - 672 (1344) Additional Tray Capacity - Mobra/Pole – 5 Port Seal Capacity
FCLD-LHDC-AB-576HS

Large Hexatronic Dome Closure - 672 (1344) - NA Additional Tray Capacity - Mobra/Pole – 5 Port Seal Capacity
FCLD-LHDC-AB-672HS

Large Enclosure Splice Cassette Raceway Module Kit (4 trays = 48f splices)
FCLD-LHDC-KIT-CASS-48

Large Enclosure Splitter Cassette Raceway Module Kit (4 trays = 8 splitters)
FCLD-LHDC-KIT-CASS-PLC

Large Hex Dome Closure Wall mounting bracket
FCLD-LHDCKIT-WMB

Large Enclosure Splitter Module Storage Kit B
FCLD-LHDC-KIT-PLC-STR-B

Large Enclosure Splitter Module Storage Kit C
FCLD-LHDC-KIT-PLC-STR-C

Mechanical compression seal – Max cable number 4 – Cable range 4-7 – Midspan YES
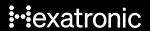FCLD-XHDCKIT-CCSO-4X7

Mechanical compression seal – Max cable number 4 – Cable range 7-10 – Midspan YES
FCLD-XHDCKIT-CCSO-4X10

Mechanical compression seal – 12x pre-installed 5/2.5mm 1m duct tails – Cable range N/A – Midspan NO
FCLD-XHDCKIT-CCSO-12X5-1M

Mechanical compression seal – 24x pre-installed 5/2.5mm 1m duct tails – Cable range N/A – Midspan NO
FCLD-XHDCKIT-CCSO-24X5-1M

Mechanical compression seal – Max cable number 2 – Cable range 19-22 – Midspan YES
FCLD-XHDCKIT-CCSO-2X22

Mechanical compression seal – Max cable number 2 – Cable range 16-19 – Midspan YES
FCLD-XHDCKIT-CCSO-2X19

Article name

Mechanical compression seal – Max cable number 2 – Cable range 13-16 – Midspan YES
FCLD-XHDCKIT-CCSO-2X16

Mechanical compression seal – Max cable number 2 – Cable range 10-13 – Midspan YES
FCLD-XHDCKIT-CCSO-2X13

Mechanical compression seal – Max cable number 12 – Cable range 3-6 – Midspan YES
FCLD-XHDCKIT-CCSO-12X6

Mechanical compression seal – Max cable number 24 – Cable range 4-6 – Midspan NO
FCLD-XHDCKIT-CCSO-24X6