



7.0 Pre-Assembled Closures

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Introduction



Through a combination of industry knowledge, experience and capability of the product development and design team, HellermannTyton are able to offer customers much more than the standard range of products.

By working closely with the customer and understanding their project and requirements, HellermannTyton are able to customise standard product and enhance it to provide the customer with the best possible solution.

Pre-assembled closures are available from HellermannTyton in the form of pre-tubed and pre-fibred solutions and can be built to the customer's exact specification.

Features and Benefits

- Reduce on site installation time and cost
- Increase available installation capacity
- Improve installation quality
- Simplify purchasing and logistics
- Fibre blown directly onto splice trays
- Closures custom configured to meet specific customer requirements
- A range of tube dimensions and types
- Tube identification to customer specification

Please contact our sales team for more information on the pre-tubed and fibre optic splitter options.

Tel: +44 (0) 1604 707420 or Email: sales@htdata.co.uk



Cablelok

All pre-tubed closures are supplied using Cablelok to seal the blown fibre tubes into the closure. HellermannTyton's 100% mechanical seal Cablelok provides a high quality, consistent seal between the tubes and the closure port with excellent non-leak performance.



Transportation Tubing

The transportation tubing carries the blown fibre up onto the splice trays where the fibre can then be spliced and redirected back out of the trays. The tubing is secured onto the tray using HellermannTyton's Tubefix.

All pre-tubed closures are supplied with cable/tube markers for efficient fibre identification.

Customised Kits, Pre-assembled to the Customers' Requirements...



Pre-tubed Options - Blown Fibre Applications

HellermannTyton can supply pre-assembled pre-tubed fibre optic closures, greatly reducing installation time, cost and complexity for blown fibre FTTH applications.

For many years, HellermannTyton has supplied market leading closures to the telecommunications industry for long haul, metropolitan and access networks. With the emergence of fibre to the home (FTTH) access networks, blown fibre is gaining increasing importance and HellermannTyton has expanded its offering to provide closures which add significant value to blown fibre installations.

HellermannTyton's range of closures (FDN, UFC, FML, FST and FRBU) are available as customised kits, preassembled to the customer's requirements to include blown fibre tubes, gas block connectors, adaptors and reducers. Once installed, fibre can be blown directly onto the splice trays within the closure, utilising the internal tubed fibre management system.

Pre-assembled closures greatly reduce on site installation time, labour costs and hence overall capital expenditure of a blown fibre FTTH network deployment whilst increasing roll out capacity. In addition, the solution improves installation quality by removing many of the "craft sensitive" elements. Finally, kitting and pre-assembly of closures minimises the number of components and hence offers purchasing and logistics benefits.



Fibre Optic Splitter Options

Passive Optical Network (PON) architecture is now a common choice for FTTH access networks. Deployment of a PON network requires fibre optic splitters to be installed at key nodes across the network, frequently within the final drop closure.

HellermannTyton's range of closures and splice trays has been designed to accommodate splitters. However, installation of splitters in the field can be time consuming, costly and suffer from a high failure rate due to the fragility of the components and the difficult working environment. As such, HellermannTyton can supply closures with splitters pre-installed to the customer's specification from our controlled, clean factory environment.

Splitters can be located on dedicated and identified splice trays (eg: different coloured trays) with the input and output fibres routed to specific locations within the closure in preparation for rapid splicing on site. Trays and fibres can be identified as required by the customer to facilitate quick and simple termination.

Pre-installation of splitters saves installation time and cost and is available across the HellermannTyton closure range. In addition, splitters can be combined with pre-tubed closures, for blown fibre installations, or connectorised closures or a combination of both.

Fibre Connectivity Solutions



HellermannTyton offer an extensive fibre connectivity range suitable for any application including data centres, commercial installs, WAN, MAN and FTTX networks.

With fibre solutions available in single mode OS1 and OS2 and multimode OM3 and OM4, and a full range of connection options including LC, SC and high density MTP, the fibre range from HellermannTyton caters for any project of any size.

The HellermannTyton Fibre range includes:

- High Performance Single mode and Multimode Cable
- Patch leads, Pigtailed and Back Bone Cables
- Patch Panels
- Connectors and Adaptors
- All available in Pre-terminated RapidNet Solution



Learn more about our fibre solutions online at htdata.co.uk

