

2014/2015

Connectorised Closures

Broadband Connectivity Solutions

HellermannTyton

Why Connectorised?

The connectorised FDN closure from HellermannTyton has been designed to offer engineers in Access Networks the benefits of speed and ease when connecting customers to their fibre optic network.

It is available pre-configured with LC Duplex or SC Simplex connectors to allow for quick connection or disconnection using pre-configured fibre pigtails or field terminated connectors.

The closure can be fitted with a splitter cassette option (contact HellermannTyton Sales Desk for more information) if required. The high drop port count means that it is particularly suited for use in FTTH access networks. The base configuration of the FDN has 58 round ports and an oval port for loop through applications. The oval shape ensures that the FDN can be used where space is restricted.

The closure cover, which can be fitted with a pressure valve, is available in 3 different lengths depending on the maximum number of trays required.

The cover is environmentally sealed to the base using an 'O' ring and quick release clamp. The cables are sealed using Cablelok mechanical seal or heatshrink sleeving (with the exception of the R ports).

Features and Benefits

- Ideal for FTTH network applications, especially the last mile/kilometre
- 58 round ports and 1 oval port (for loop through cable)
- Suitable for blown fibre/cable applications
- Quick and simple customer connection or disconnection
- Available pre-configured with LC Duplex or SC Simplex fibre pigtails on request
- Up to 64 customer drops per closure
- Choice of 3 closure sizes
- Pre-fitted splitter cassette options
- ID markers for easy customer identification
- Uses HellermannTyton's Cablelok – 100% mechanical seal



Key Features

The connectorised FDN closure is a medium to large oval shaped cap ended closure with a high number of small ports for use in underground, direct burial or aerial installations.

Available in three lengths, the FDN closure offers a number of different splice tray and connector options.



B Length FDN Closure



AB Length FDN Closure



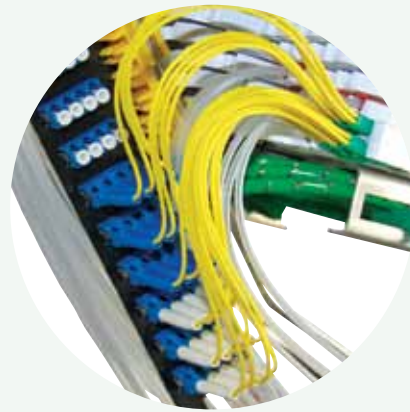
A Length FDN Closure



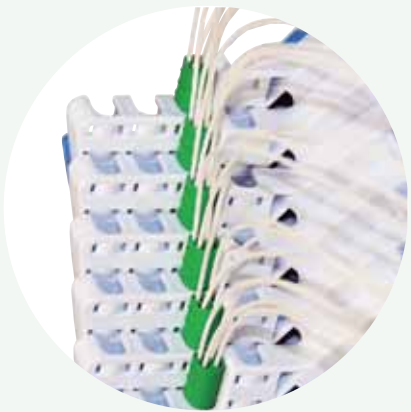
Connector Plate Takes Up To 64 LC Connectors



Optional Loop Storage Basket



LC Connectors From Splitter Tray



LC Pigtails To Individual Splice Trays



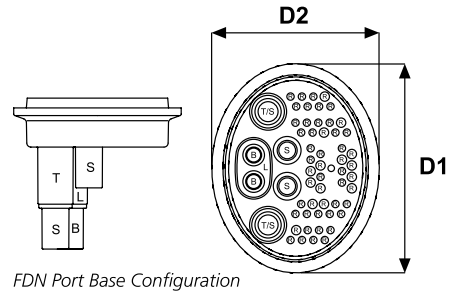
Connector/Customer ID Markers



Metal Casing To Protect Fibre Connectors

Additional Information

Port	No. of Ports	Cable Range (mm)	
		Cablelok™	Heatshrink
L	1	2 x 5.5 – 20.0	2 x 10.05 – 24.0
T	2	15.5 – 29.0	8.0 – 35.0
S	4	5.0 – 20.0	12.0 – 26.0
B	2	4.8 – 16.5	6.0 – 19.0
R	52	1.7 – 9.5	-



Cover Reference	Closure Width (mm) D1 x D2	Closure Length (mm) L	Single Element (SE) Tray	
			Single Tray	Max Splice Capacity
A	312 X 222	455	9	108
AB	312 X 222	561	15	180
B	312 X 222	663	27	324

SE – 12 standard splices per tray

HellermannTyton connectorised closures are supplied in standard configurations, with fibre management and splice trays included, ready to use. If a standard configuration is not suitable, the closures can be supplied with no splice trays which can then be ordered separately. Port seals (Cablelok and heatshrink) and accessories (e.g. mounting brackets) must be ordered separately.

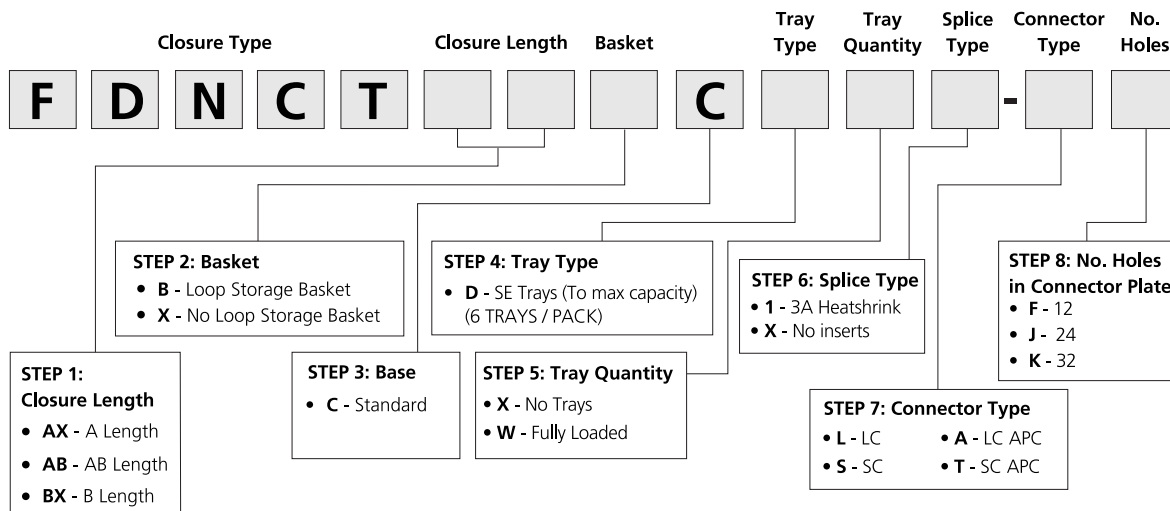
Part Number Identification

Identifying the correct part number is a simple process:

- STEP 1:** Choose the appropriate closure length.
- STEP 2:** Decide if a loop storage basket is required.
- STEP 3:** FDN standard base.
- STEP 4 & 5:** The closure will be supplied with the maximum number of trays chosen for the closure length (as shown in the catalogue). SE trays are supplied with 2 x 3A splice bridges (12 splice capacity). If a different combination trays is needed, less than the maximum is required or alternative splice protectors are to be used, then contact the HellermannTyton Sales Desk.
- STEP 6:** Select the splice type.
- STEP 7:** Select the connector type.
- STEP 8:** Select the connector plate.

Kit Contents

- FDN Base
- Dome Closure Cover
- Quick Release Clamp
- Sealing 'O' Ring
- Fibre Storage Basket (if applicable)
- Connector Plate
- LC Duplex or SC Simplex Adaptors
- NZDF SE-A Trays
- Tray Support Frame
- Anchor Fixing Kit
- Tray Tool
- Hook and Loop Tray Securing Straps
- Transportation Tubing
- Tubefix – Tube to Tray Securing Blocks
- Hook and Loop Management Ties
- Isopropyl Alcohol Wipes
- Desiccant
- Installation Guide



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