



Connectorised PON Street Cabinet

Base Build

A modular and flexible fibre management system housed within a stainless steel powder coated street cabinet 535 x 998 x 315mm (WxHxD). (Riser supplied separately).

The fibre management system offers 48 LC Simplex connections (expandable up to 96) in a point to multipoint design with positive fibre management for both 250µm and 900µm fibre. Additional loop storage is provided for installations with loop through applications.

The cabinet is supplied with 6 1 x 8 splitter assemblies, 3 fibre splice trays, 6 drop patch modules, a drop patch modules holder, drop cable manager and a customer drop management bracket to accommodate 48 8mm blown duct tubes.

Each splitter assembly consists of a pre-assembled fibre splice tray with a single pre-installed 1 x 8 splitter and 1 3A splice bridge. The splitter is pre-connectorised with 8 LC Simplex 900µm output fibres. These are routed to an 8 port LC Simplex drop patch module and connected to 8 LC Simplex adaptors. The additional trays are fitted with 2 splice bridges to accommodate a maximum of 16 3A splices.



Point of Connection (POC)

Technical Data

Dimensions (mm)	H	W	D
	998	535	315
Maximum number of adaptors	48 LC Simplex Connections		
Housing material	Stainless Steel Powder Coated		
Colour	Grey		

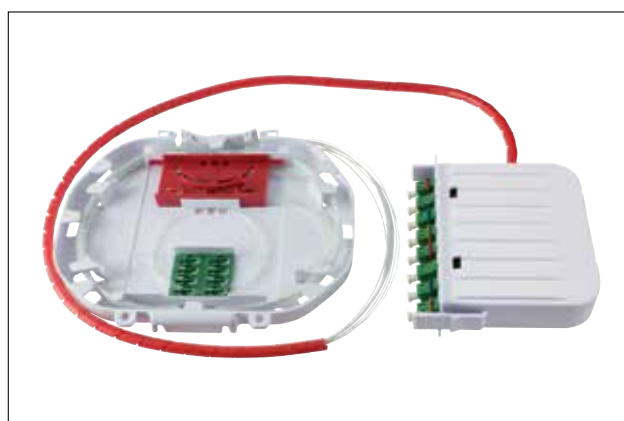
Features and Benefits:

- 48 Port Point of Connection (expandable to 96)
- Duct support bracket for 48 drops (expandable to 96)
- LC Simplex (UPC/APC) presentation
- Positive fibre management throughout
- 900µm fibre routing and management
- Modular construction allows for build and grow network
- Quick and easy installation of additional trays/drop patch modules
- Fibre storage basket for loop through applications

Connectorised PON Street Cabinet Accessories

Splitter Assembly

The splitter assembly consists of a pre-assembled fibre splice tray with a single pre-installed 1 x 8 splitter and 1 3A splice bridge. The splitter is pre-connectorised with 8 LC Simplex 900µm output fibres. These are routed to an 8 port LC Simplex drop patch module and connected to 8 LC Simplex adaptors.



Splitter Assembly



Customer Drop Management Bracket

The Customer Drop Support Brackets are manufactured from stainless steel and provide individual support and anchoring for the customer drops from the Drop Patch Module Holder. The brackets are available in 3 sizes 32, 48 or 64 drops and can accommodate 5, 7 or 8mm diameter drops. The brackets can be retrospectively fitted allowing the system to expand as customer uptake increases.



Customer Drop Management Bracket

Drop Patch Management Holder

The Drop Patch Module Holder has been designed to be retrospectively fitted allowing a pre-existing installation to be expanded. Each Drop Patch Module Holder accommodates a maximum of 6 Drop Patch Modules, each of which accommodates 8 LC Simplex connections, which can be added to the system retrospectively.



Drop Patch Management Holder