

Rack Mount Splitter Distribution Panels

LC-APC QD and SC-APC DX Adaptors

Application/Product Description

HellermannTyton rack mount splitter panels have been designed to house PLC splitter technology in a robust and user friendly 19" footprint. This allows a variety of splitter configurations to be easily installed into environments that utilize industry standard 19" mounting profiles whilst taking up minimal real estate within the enclosure.

Technical Description

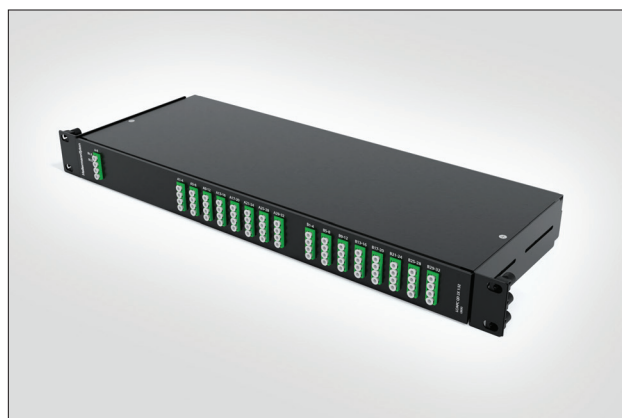
The rack mount splitter panel housing is made from aluminium and powder coated in black. This not only makes the panel lightweight but also allows for use in external cabinet applications.

The design is consistent with traditional fibre patch panels used within a LAN or data centre environment. The splitters are configured and managed in a factory environment and protected by a secure panel lid.

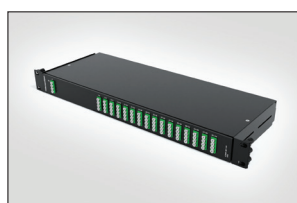
Depending upon the configuration each panel houses a single or multiple array of PLC splitters terminated with either LC/APC or SC/APC connectivity onto 900um fibre. Every splitter is tested to 1310nm and 1550nm with a maximum connector loss of 0.25db.

HellermannTyton take a unique approach to rack mount splitter panels by using LC/APC quad adaptors or SC/APC duplex adaptors. This allows for a higher density of splitters to be utilized in such a small space.

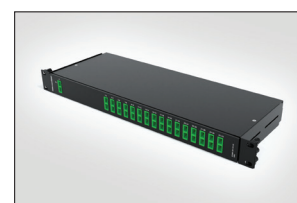
Each configuration is assembled with a Traffolyte label which clearly indicates the sequenced input and output ports.



LC/APC Quad Adaptors and 2 x 1:32 Splitter.



LC/APC Quad Adaptors and 2 x 1:64 Splitter.



SC/APC Duplex Adaptors and 1 x 1:32 Splitter.

Features and Benefits

- Industry standard 19" fixed panel format
- Factory configured panels
- Simple 'plug and play' design
- Available in LC/APC Quad or SC/APC Duplex
- Multiple splitters in one housing
- Minimal impact on enclosure real estate
- Suitable for FTTx, PON, LAN

Adaptor Type	LC										SC					
	Quad										Duplex					
Maximum No. of Fibres	32	64	64	128	64	64	32	32	32	64	64	32	64	64	24	32
Splitters	1x 1:32	1x 1:64	1x 2:32	1x 2:64	2x 2:16	2x 1:32	3x 1:8	4x 1:8	8x 1:4	8x 1:8	16x 1:4	1:32	2:32	2x 2:16	3x 1:8	4x 1:8

Specification

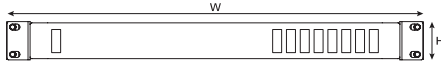
Dimensions (mm)	Height	44
	Width	483
	Depth	165
Material	1.2mm Electrostatic Powder Coated Aluminium	
No. of U	1	
Panel Weight (g)		

IP Rating	20	
Mounting Adjustment Range (mm)	50	
Colour	Black	
Temperature (°C)	Operating	-20 to +50
	Storage	
Designed in accordance with	<ul style="list-style-type: none"> • IEC 60304 • ISO 11801:2002 (inc. Amend. A1 & A2) • BS EN 50173 • ANSI/TIA/EIA 568-C.2 	

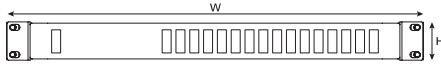
Technical Diagrams

External front view.

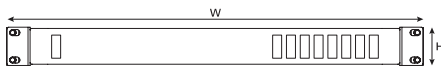
LC/APC QD Adaptors and 1 x 1:32 Splitter.



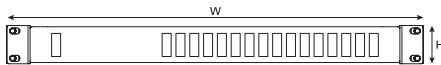
LC/APC QD Adaptors and 1 x 1:64 Splitter.



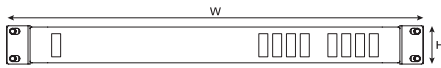
LC/APC QD Adaptors and 1 x 2:32 Splitter.



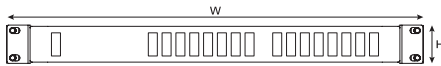
LC/APC QD Adaptors and 1 x 2:64 Splitter.



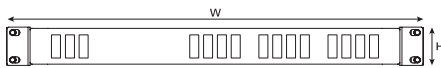
LC/APC QD Adaptors and 2 x 2:16 Splitter.



LC/APC QD Adaptors and 2 x 1:32 Splitter.



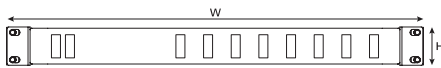
LC/APC QD Adaptors and 3 x 1:8 Splitter.



LC/APC QD Adaptors and 4 x 1:8 Splitter.



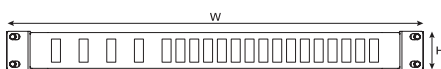
LC/APC QD Adaptors and 8 x 1:4 Splitter.



LC/APC QD Adaptors and 8 x 1:8 Splitter.

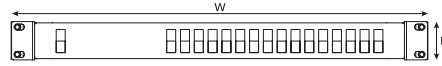


LC/APC QD Adaptors and 16 x 1:4 Splitter.

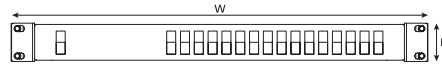


External front view.

SC/APC DX Adaptors and 1 x 1:32 Splitter.



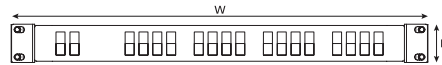
SC/APC DX Adaptors and 1 x 2:32 Splitter.



SC/APC DX Adaptors and 1 x 2:16 Splitter.



SC/APC DX Adaptors and 3 x 1:8 Splitter.



SC/APC DX Adaptors and 4 x 1:8 Splitter.



External top view.



External side view.