



Optical Splitter Panels

2-32 Port Optical Splitters 19" Rackmount Enclosures

Features

- 1RU FTP fitted with a PLC splitter
- 1x2 up to 1x32 variants
- Fully passive design
- Optimised for PON networks
- Powdercoated port identification

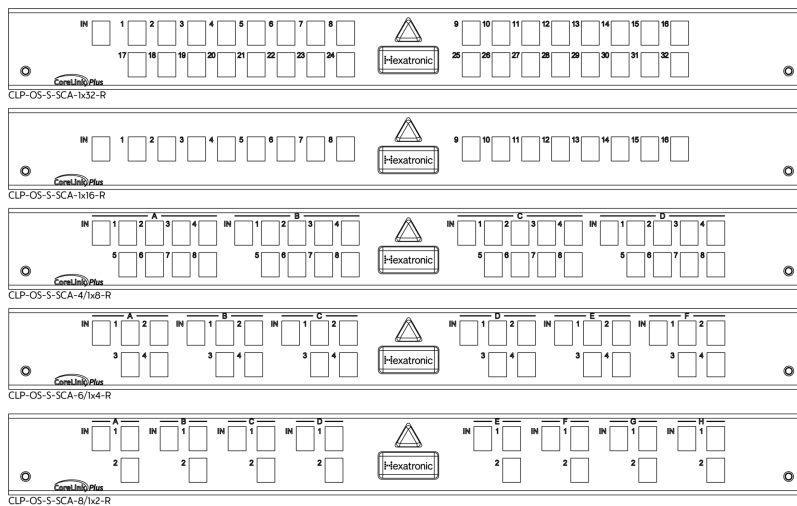
Application

Optical Rackmount Splitters are widely used in passive optical networks including GPON, NGPON and XGSPON. They take the signal on an input fiber and equally split it over multiple output fibers. 16 and 32 way split models are typically used in centralised distribution models, where the 2, 4 and 8 way units are typically used in distributed split networks.

Design

These prepopulated rackmount chassis contain optical splitters with an even split ratio. The contained splitters utilise PLC technology to provide accurate, consistent, low cost and compact design.

Product Information



Chassis: Powdercoated Steel

Connectors and Adapters: Thermoplastic

Splitters: PLC in ABS or Steel Case

Technical Information

Product Color	Grey
Temperature, Operation [°C]	-20 to +70
Temperature, Storage [°C]	-20 to +70
Fiber Type	G657A1
Return Loss, min [dB]	55

Technical Notes

Operating Wavelength: 1260 ~ 1650 nm

Maximum Input Power: 500mW

Max PDL: 0.3dB

Insertion Loss: 1x2 ≤4.0dB, 1x4 ≤7.6dB, 1x8 ≤11.0dB,
1x16 ≤14.5dB, 1x32 ≤18.0dB

Ordering Information

Each rackmount splitter is supplied with 19" mounting ears, cage nuts and screws. Mounting ears to suit 21" communications racks are available separately.

Articles 5

Article name	Color	Layout	Dimensions [mm]	Weight [kg]
Splitter 8x 1:2, SC/APC 1RU CLP-OS-S-SCA-8/1x2-R	Grey	8x 1:2	485 × 44 × 255	3.5
Splitter 6x 1:4, SC/APC 1RU CLP-OS-S-SCA-6/1x4-R	Grey	6x 1:4	485 × 44 × 255	3.5
Splitter 4x 1:8, SC/APC 1RU CLP-OS-S-SCA-4/1x8-R	Grey	4x 1:8	485 × 44 × 255	3.5
Splitter 1:16, SC/APC 1RU CLP-OS-S-SCA-1x16-R	Grey	1:16	485 × 44 × 255	3.5
Splitter 1:32, SC/APC 1RU CLP-OS-S-SCA-1x32-R	Grey	1:32	485 × 44 × 255	3.5