



OPTICAL SPLITTER 19"

Description

Optical Splitters are passive components normally built with one or two in connections and N out connections, responsible for the division of the optical signal in a PON network. Modulated 19" splitters are specifically developed for plug-and-play applications, entirely pre-connected and adequate for screw fixation on 19" racks. Available on the following formation, all of witch occupy one rack unit (1U):

- 1 splitter 1x8
- 2 splitters 1x8
- 1 splitter 2x8
- 1 splitter 1x16
- 2 splitter 1x16
- 1 splitter 2x16
- 1 splitter 1x32
- 2 splitters 1x32
- 1 splitter 2x32
- 1 splitter 1x64
- 1 splitter 2x64

Technology

PLC (plannar Lightwave Circuit)

Compatibility

- 19" Racks;
- Operation on 3 standard communication windows for optical passive networks: 1310nm, 1490nm and 1550nm.

Fiber Type

Singlemode BLI A/B (9/125μm)⁽²⁾

Standard

Special Fiber G.647A

Warranty

12 months (default);
 15 or 25 anos - Requires compliance with the FCS Extended Warranty Program.

Performance

Specification	Model							
	1x8	2x8	1x16	2x16	1x32	2x32	1x64	2x64
Optical Bandwidth Pass	PLC: 1260 ~1650							
Maximum Insertion Loss (without connector loss) (dB)	10,5	10,8	13,7	14,0	17,1	17,7	20,5	21,3
Uniformity (dB)	1,0	1,3	1,3	1,5	1,5	2,1	1,7	2,5

Maximum Polarization Dependent Loss (PDL) (dB)	0,25	0,25	0,3	0,3	0,4	0,4	0,5	0,5
Directivity	>55dB							
Return Loss	>55dB							

Input Connector type SC-APC or SC-UPC

- **Note:** *It is very important that the connector guide is aligned with the adapter flange, so that there is no extra attenuation.*

Attenuation: Typical = 0.15dB / Maximum = 0.30dB

Return Loss: >60 dB (APC), >50 dB (UPC)

Output Connector type SC-APC or SC-UPC

- **Note:** *It is very important that the connector guide is aligned with the adapter flange, so that there is no extra attenuation.*

Attenuation: Typical = 0.15dB / Maximum = 0.30dB

Return Loss: >60 dB (APC), >50 dB (UPC)

*Also available version with SC-APC adaptor with shutter

Dimensional Characteristics
Width: 494 mm (19" compatible)
Height: 43,5 mm
Depth: 341,3 mm

Environmental specification	Operating Temperature	-25°C~+70°C
	Storage Temperature	-40°C~+85°C
	Operating Humidity	5%~95%UR
	Storage Humidity	5%~95%UR

[Part Numbers](#)