



OPTICAL SPLITTER 19"



Description	<p>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.</p> <p>Available on the following formation, all of witch occupy one rack unit (1U):</p> <ul style="list-style-type: none"> • 1 splitter 1x32 • 2 splitters 1x32 • 1 splitter 2x32 • 1 splitter 1x64
Technology	PLC (plannar Lightwave Circuit)
Compatibility	<ul style="list-style-type: none"> • 19" Racks; • Operation on 3 standard communication windows for optical passive networks: 1310nm, 1490nm and 1550nm.
Fiber Type	<ul style="list-style-type: none"> • Singlemode BLI A/B (9/125µm)⁽²⁾
Standard	Special Fiber G.647A
Warranty	12 months (default); 15 or 25 years - Requires compliance with the FCS Extended Extended Warranty Program

Performance	Specification	Model		
		1x32	2x32	1x64
	Optical Bandwidth Pass	PLC: 1260 ~1650		
	Maximum Insertion Loss (without connector loss) (dB)	17,1	17,7	20,5
	Uniformity (dB)	1,5	2,1	1,7
	Maximum Polarization Dependent Loss (PDL) (dB)	0,4	0,4	0,5
	Directivity	>55dB		

Return Loss	>55dB
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Input Connector type SC-APC + shutter

- **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

Output Connector type SC-APC + shutter

- **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

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

Environmental specification

Splitter type	1x32	1x64
Operating Temperature	-25°C~+70°C	
Storage Temperature	-40°C~+85°C	
Operating Humidity	5%~95%UR	
Storage Humidity	5%~95%UR	

[Part Numbers](#)