

FIBER OPTIC SPLITTERS

Techlogiks Fiber Optic Splitters are available in two different configuration 1xn and 2xn. Fiber Optic Splitter Unit includes Fiber distribution Frame with Adaptor Plate and Splitter module. This shall be installed on the international standard (ETSI 19”) equipment rack or cabinet rack.



Splitter Module

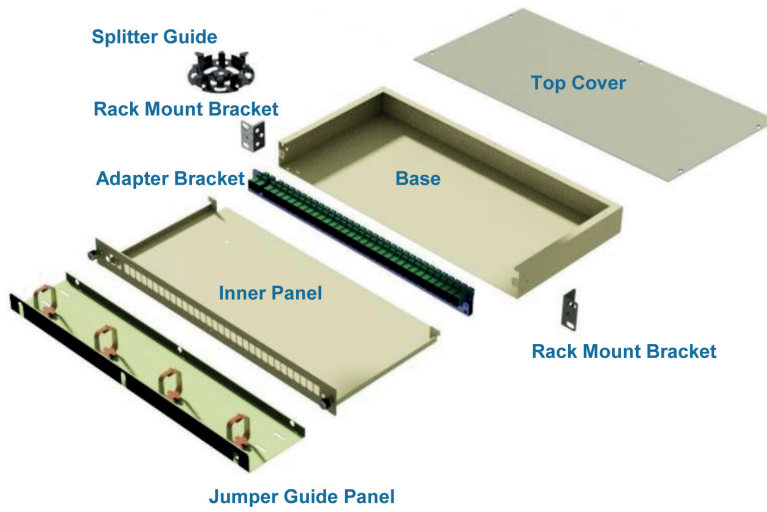
Splitter modules are available in different configurations: 1 X 4, 1 X 8, 1 X 16, 1 X 32, 2 X 4, 2 X 8, 2 X 16, 2 X 32

Specifications

Size (L*W*H)	483 X 330 X 44
Input / Output	1/4, 1/8, 1/16, 1/32 2/4, 2/8, 2/16, 2/32
Adapter Type	SC, SC/APC LC, LC/APC
Fiber Type	G 652D, G 657A1/A2
Adapter Capacity	4 Port, 8 Port, 16 Port, 32 Port
Material	SPCC
Mounting Rack	19” Cabinet Rack

Operating Conditions

Operating Temperature	- 40 ~ + 85 °C
Storage Temperature	- 40 ~ + 85 °C
Wavelength Range	1260 ~ 1630 nm
Maximum Input Power	500 mW



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Inspection

Parameter	Condition	Unit	Specifications							
			1 X 4	1 X 8	1 X 16	1 x 32	2 X 4	2 X 8	2 X 16	2 X 32
Insertion loss	All ports	dB	≤ 7.2	≤ 10.7	≤ 13.9	≤ 17.2	≤ 7.6	≤ 10.8	≤ 14.0	≤ 17.5
Uniformity of I.L	@1310,1550 nm	dB	≤ 0.8	≤ 1.0	≤ 1.4	≤ 1.6	≤ 1.0	≤ 1.0	≤ 1.5	≤ 1.8
PDL	All ports @1310,1550 nm	dB	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Return loss	All ports @1310,1550 nm	dB	≤ 55							
Appearance			i.e. by indication of `passed`							

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-FSP-09-1/4-SC	Fiber Optic Splitter Single Mode 1 x 4 with SC Adaptors
TL-FSP-09-2/32-SC/APC	Fiber Optic Splitter Single Mode 2 x 32 with SC/APC Adaptors
TL-FSP-09-1/4-LC	Fiber Optic Splitter Single Mode 1 x 4 with LC Adaptors
TL-FSP-09-2/32-LC/APC	Fiber Optic Splitter Single Mode 2 x 32 with LC/APC Adaptors