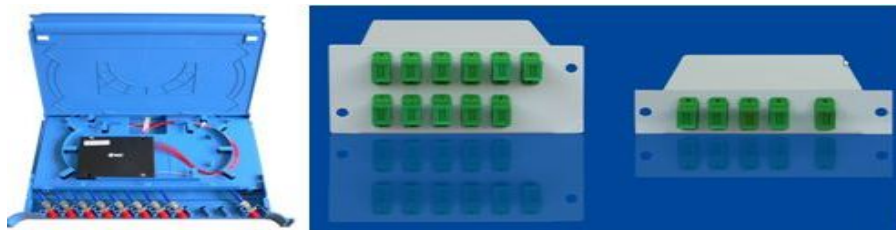


Fused Biconic Splitter Module

Agilecom provides high performance standard tree splitter module, LGX module and 19 Inch Rack, in which standard tree splitter module owns the configurations: 1×4, 1×8, 1×16, 1×32, 2×4, 2×8, 2×16, 2×32, Which can offer low insertion loss, low polarization dependence, wellcontrolled uniformity as well excellent environmental stability. They all have been extensively used to split and mix optical signals in CATV, LANs and all the kinds of optical communication systems.

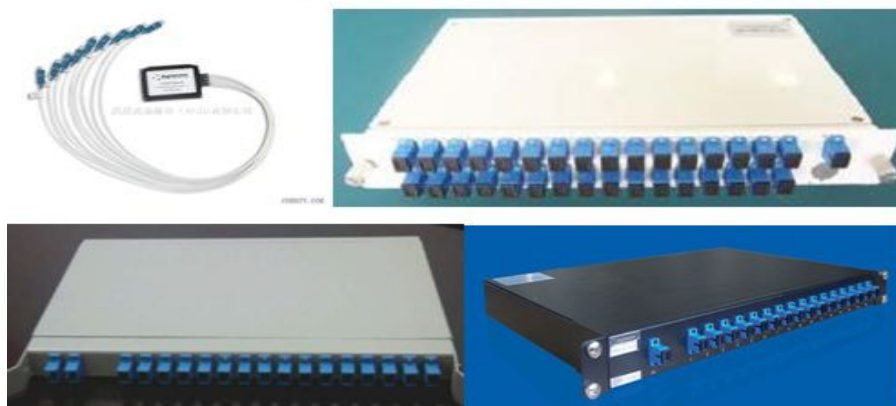
Key Features

- Low excess loss and PDL
- High reliability
- High directivity
- Low Uniformity
- Broad bandwidth



Applications

- Network monitoring
- Optical testing system
- Optical fiber CATV/LAN
- Passive Optical Networks

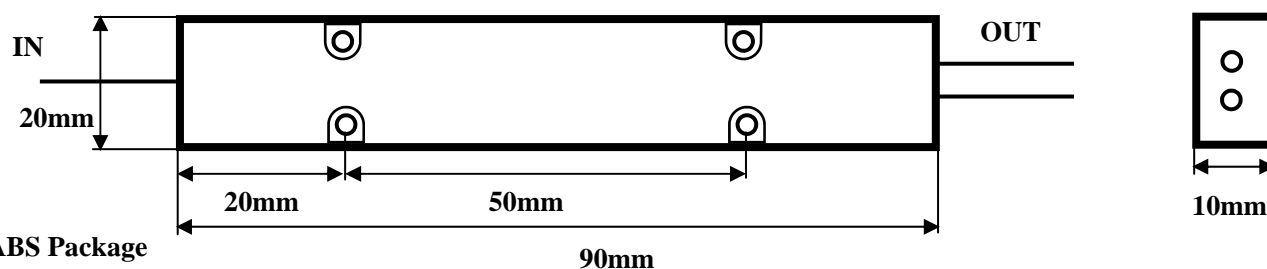


FBSM Specifications

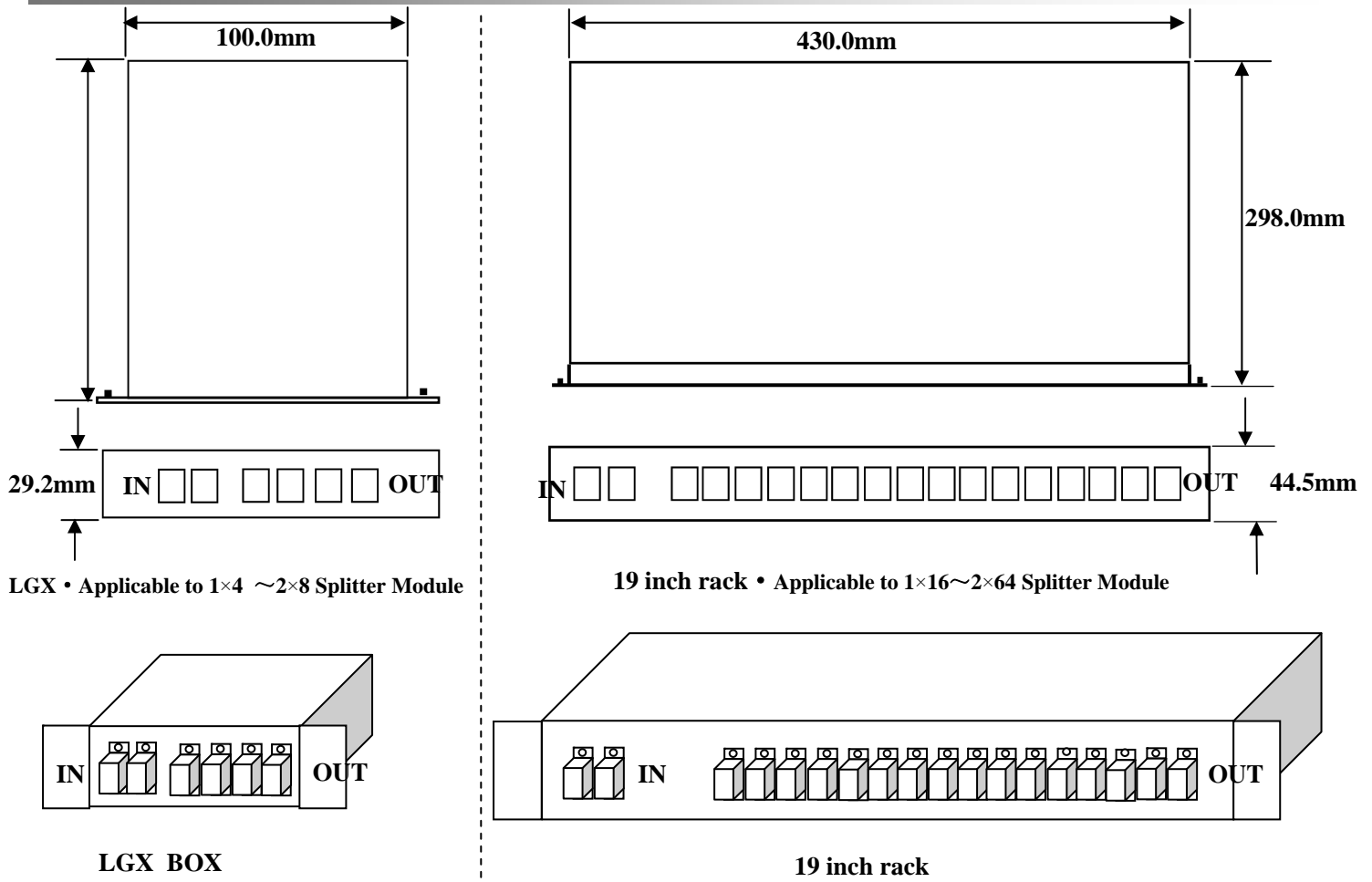
Parameter		Unit	1×4 /2×4		1×8 /2×8		1×16 /2×16		1×32 /2×32	
Wavelength		nm	1310 or 1550		1310 or 1550		1310 or 1550		1310 or 1550	
Bandwidth		nm	±15	±40	±15	±40	±15	±40	±15	±40
Insertion Loss	Max	dB	6.8	7.2	10.2	10.6	13.6	14.0	17.0	17.6
	Uniformity	Max	0.5	0.5	0.7	0.7	1.3	1.3	1.5	1.5
PDL	Max	dB	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.5
Return Loss	Min	dB	50	50	50	50	50	50	50	50
Directivity	Min	dB	55	55	55	55	55	55	55	55
Fiber Type			SMF-28、Allwave、MM fibers							
Operating Temperature		C°	-10 ~ +70							
Storage Temperature		C°	-40 ~ +85							
Package (L×W×H)		mm	100 ×80 × 10		100 ×80 × 10		141 ×115 × 18		141 ×115 × 18	

Notes: Specifications without fiber connectors

Dimensions Diagram



Dimensions Diagram



Ordering Information

For more information on these or other products and their availability, please contact our sales department at 408-943-0815 in North America and 86-760-86781889 in China or via e-mail at info@agilecom.net.

Sample: FBSM— 11688231-01

Code	Input Number	Code	Output Number	Code	Wavelength	Code	Package	Code	Pigtail	Code	Fiber Length	Code	Connector
	1	03	3	1	808nm	6	10×20×90mm	0	250µm Bare Fiber	1	0.5m	0	None
	2	04	4	2	980nm	7	10×80×100mm	1	0.9mm Loose Tube	2	1.0m	1	SC/UPC
		05	5	3	1310nm	8	18×115×141mm	2	2.0mm Loose Tube	3	1.5m	2	SC/APC
		.	.	4	1490nm	9	18×80×120mm	3	3.0mm Loose Tube	4	2.0m	3	FC/UPC
		.	.	5	1550nm	A	19 inch Rack	4	0.9mm Tight Tube	5	2.5m	4	FC/APC
		.	.	6	850nm	B	LGX Box	5	2.0mm Tight Tube	6	3.0m	5	LC/UPC
	16	16	16	7	1310&1490nm	X	Customize	6	3.0mm Tight Tube	A	1.25m	6	LC/APC
	24	24	24	8	1310&1550nm			7	2.0mm MM Loose Tube	B	1.75m	7	ST/UPC
	32	32	32	9	1490&1550nm			8	2.0mm MM Loose Tube	C	2.25m	8	MU
	48	48	48	0	1310&1490&1550nm			X	Customize	X	Customize	X	Customize
	XX	Customize	Customize	X	Customize								

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