

## FSMx Series

### Fiber Splitter Module

PON

FTTx

Lab Testing



Singlemode high density couplers/splitters are passive optical assemblies that split and combine signals in fiber networks. PLC Splitter features guaranteed performance specifications and high reliability. The LGX compatible module design provides a plug in style robust method for integration in the network.

#### KEY BENEFITS

- ▶ High density LGX compatible module
- ▶ Low insertion loss and high power tolerance
- ▶ Excellent splitter uniformity over broadband operating wavelengths
- ▶ Bidirectional

#### STANDARDS COMPLIANCE

- ▶ ITU-T G.657A
- ▶ GR-326, GR-1209, GR1221

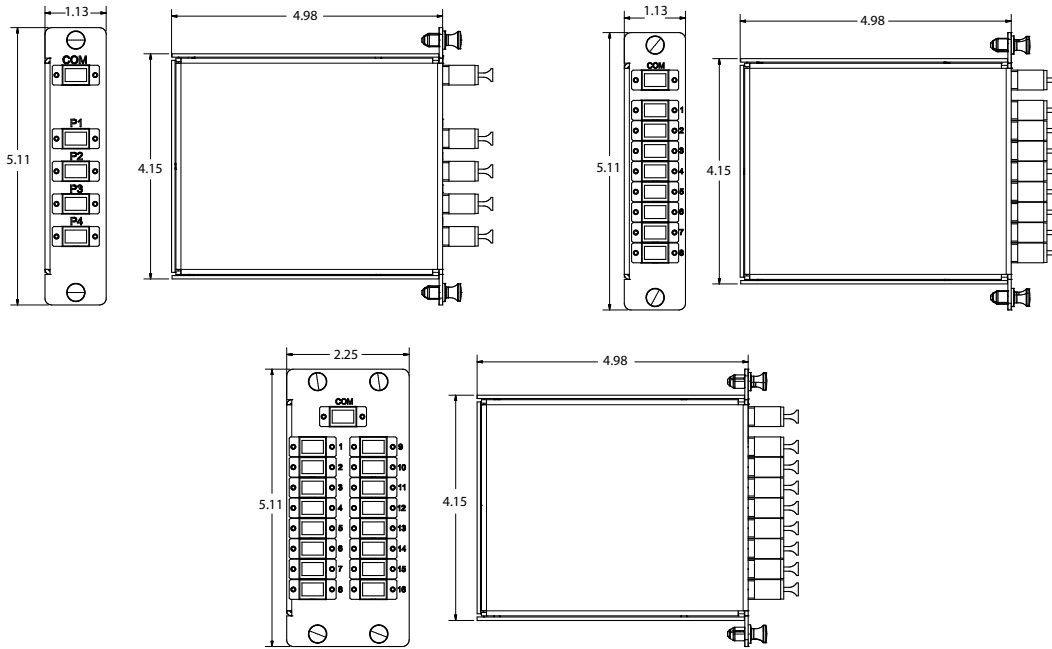


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# FSMX Series



Dimensions are in Inches

## SPECIFICATIONS

Parameters	1x4	1x8	1x16	1x32
Operating Wavelength	1260 ~ 1625 nm			
Insertion Loss, Max	8 dB	11.3 dB	13.5 dB	16.7 dB
Uniformity	0.9 dB	1.1 dB	1.3 dB	1.5 dB
PDL, Max.	0.2 dB	0.3 dB	0.3 dB	0.3 dB
Return Loss, Min.	-50 UPC -55 APC dB			
Operating Temp.	-40 to +85 °C			
LGX Slots	1	1	2	4
Packaging	8" x 8" x 2"	8" x 8" x 2"	8" x 8" x 4"	8" x 8" x 8"
Weight	2 lbs.	2 lbs.	3 lbs.	4 lbs.

## ORDERING INFORMATION

Interface	Splitter	Model Number	LGX Slots	Input Ports	Output Ports
LC-APC	1:04	<b>FSM1-104RLAB</b>	1	1	4
	1:08	<b>FSM1-108RLAB</b>	1	1	8
	1:16	<b>FSM1-116RLAB</b>	1	1	16
LC-UPC	1:04	<b>FSM1-104RLCB</b>	1	1	4
	1:08	<b>FSM1-108RLCB</b>	1	1	8
	1:16	<b>FSM1-116RLCB</b>	1	1	16
SC-APC	1:04	<b>FSM1-104RSAB</b>	1	1	4
	1:08	<b>FSM1-108RSAB</b>	1	1	8
	1:16	<b>FSM2-116RSAB</b>	2	1	16
SC-UPC	1:04	<b>FSM1-104RSCB</b>	1	1	4
	1:08	<b>FSM1-108RSCB</b>	1	1	8
	1:16	<b>FSM2-116RSCB</b>	2	1	16