

FSMx Series

Fiber Splitter Module

FTTx

MDU

PON



Singlemode high density couplers/splitters are passive optical assemblies that split and combine signals in fiber networks. PLC Splitters feature guaranteed performance specifications and high reliability. Their 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

INDUSTRY STANDARDS

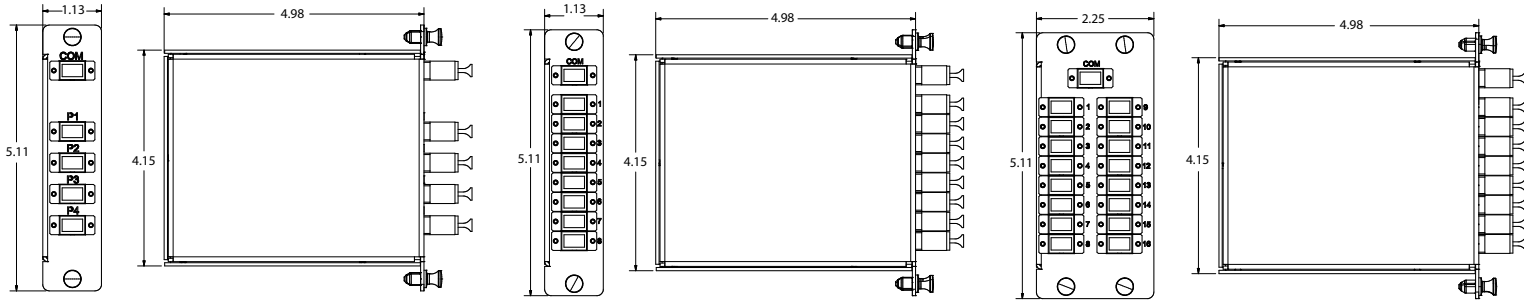
- ▶ ITU-T G.657A
- ▶ GR-326, GR-1209, GR1221



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FSMX Series



Dimensions are in Inches

SPECIFICATIONS

Parameters	1x4	1x8	1x16
Operating Wavelength	1260 ~ 1625 nm		
Insertion Loss, Max	8 dB	11.3 dB	13.5 dB
Uniformity	0.9 dB	1.1 dB	1.3 dB
PDL, Max.	0.2 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
Packaging	8" x 8" x 2"	8" x 8" x 2"	8" x 8" x 4"
Weight	2 lbs.	2 lbs.	3 lbs.

ORDERING INFORMATION

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