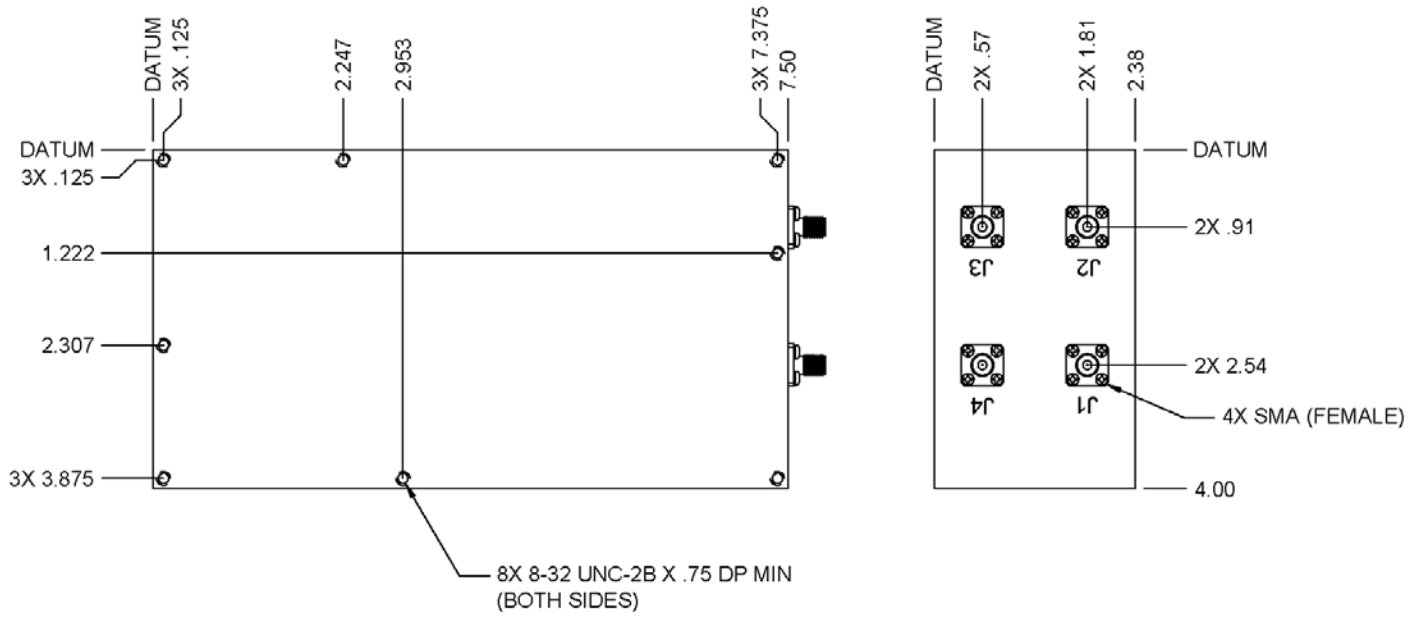




FMB-232

UHF/ SATCOM/ MUOS DIPLEXER



ELECTRICAL SPECIFICATIONS

	Port J1-J2	Port J3-J4
Insertion Loss		
240-270 MHz	0.9 dB typ., 1.3 dB max.	1.0 dB typ., 1.5 dB max.
360-380 MHz	0.8 dB typ., 1.0 dB max.	0.9 dB typ., 1.2 dB max.
290-320 MHz	80 dB min.	60 dB min.
2-30 MHz	90 dB min.	
900-1700 MHz	20 dB min.	15 dB min.
	Port J4-J1	
290-322 MHz	0.9 dB typ., 1.2 dB max.	
240-270 MHz	80 dB min.	
360-380 MHz	80 dB min.	
	Port J2-J3	
290-320 MHz	45 dB min.	
Impedance	All Ports	50 Ohms nom.
VSWR	All Ports	1.55:1 max.
Power Handling		
290-320 MHz		150 W-CW
240-270 MHz, 360-380 MHz		1 W-CW

GENERAL CHARACTERISTICS

Size, excluding connectors	7.50" x 4.00" x 2.38"
Weight	3 lbs. 11 oz. nom.
Temperature	
Operating	-54°C to +85°C
Storage	-62°C to +85°C
Connectors	SMA (Female)
Group Delay and Passband Ripple,	Suitable for MUOS requirements.

REV: 3/13/2020