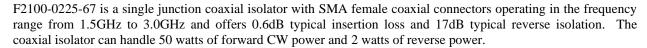


BROADBAND COAXIAL ISOLATOR F2100-0225-67

Key Features:

- ➤ Wide operating frequency range from 1500 to 3000MHz
- > 0.3dB typical insertion loss and 19dB typical reverse isolation
- > 50 ohm SMA female coaxial connectors
- > 50 Watts CW forward power handling, 10 Watts reverse power termination
- ► -40~+75°C operating temperature range
- Weight 135 grams (4.75 oZ)

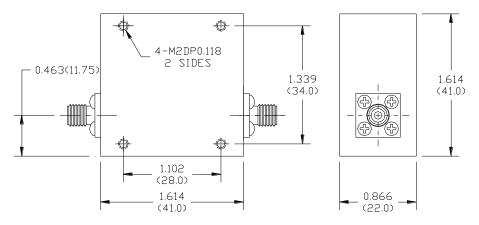




Electrical Specifications

No.	Parameters	Units	Specifications		
			Minimum	Typical	Maximum
1	Frequency Range	GHz	1.50		3.0
2	Insertion Loss @ Room temp.	dB	-	0.3	0.5
2A	Insertion Loss over temp.			0.4	0.6
3	Reverse Isolation @ room temp.	dB	17.0	19.0	
3A	Reverse Isolation over temp.		16.0	18.0	
4	VSWR @ room temp.	-	-	-	1.40:1
4A	VSWR over temp.				1.50:1
5	Forward Power CW	Watts			50
6	Reverse Power CW	Watts			5
7	Operating Temperature	°C	-20		+70
8	Impedance	Ω		50	
9	RF Connectors	-	SMA Female		
10	Signal Flow Direction	-	From Port 1 to Port 2		

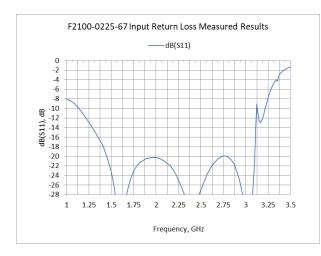
Mechanical Structure:

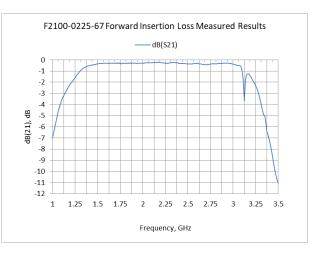


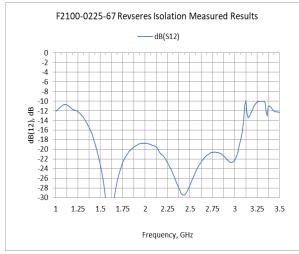
Note: All units in inches (mm).

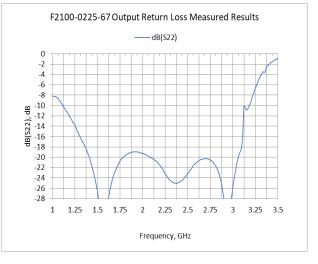
BROADBAND COAXIAL ISOLATOR F2100-0225-67

Typical Test Plots:









Revision History:

Revision	Date	Description	Comments
A00	06/10/2020	Initial Release	