

Key Features:

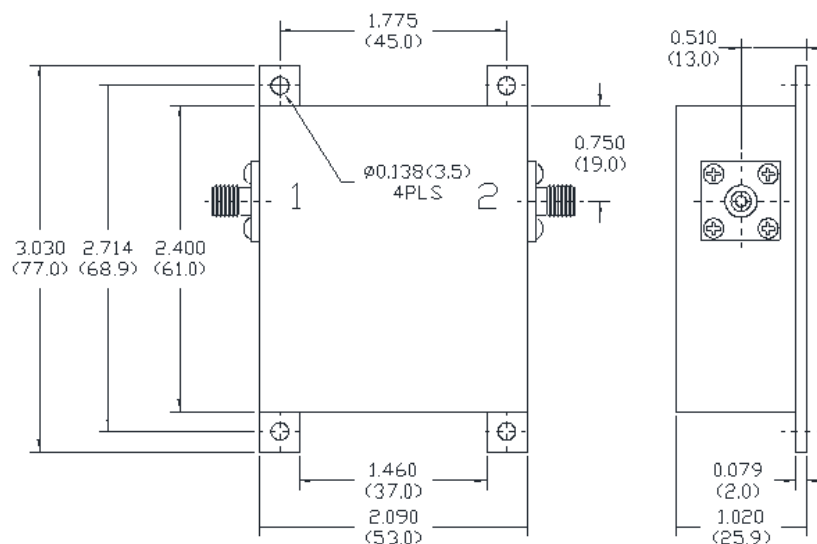
- Wide operating frequency range from 225 to 400MHz
- 0.5dB typical insertion loss and 20dB typical reverse isolation
- 50 ohm Type N female coaxial connectors
- 60 Watts CW forward power handling, 10 Watts reverse power termination
- -20~+55°C operating temperature range
- Weight 300grams(10.5oz)

Description:

F2020-0312-56N is a single junction coaxial isolator with Type N-female coaxial connectors operating in the frequency range from 225 to 400 MHz and offers 0.6dB typical insertion loss and 19dB typical reverse isolation. The coaxial isolator can handle 60 watts of forward CW power and 10 watts of reverse power.

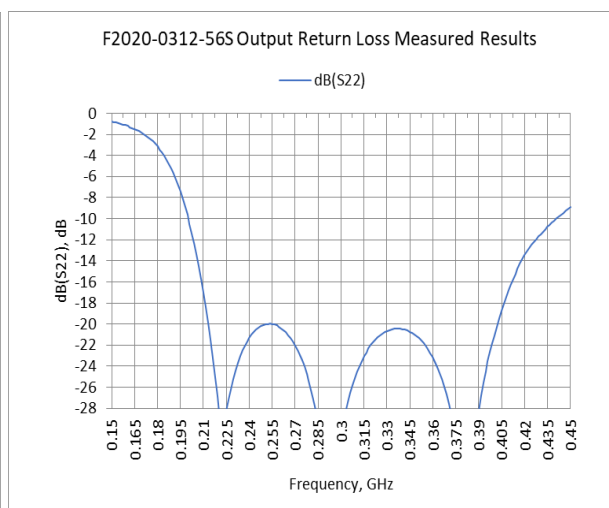
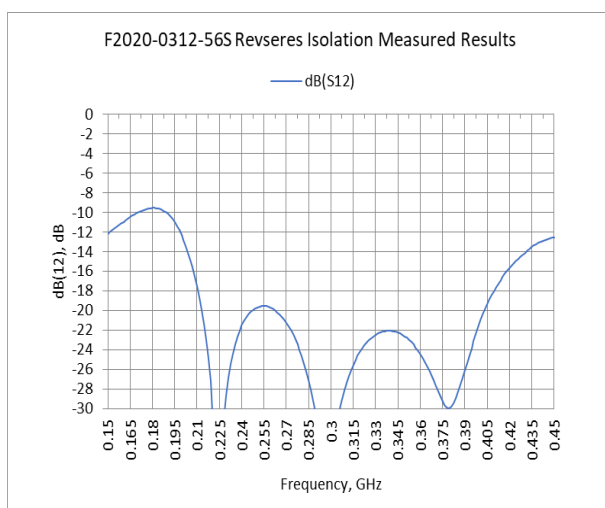
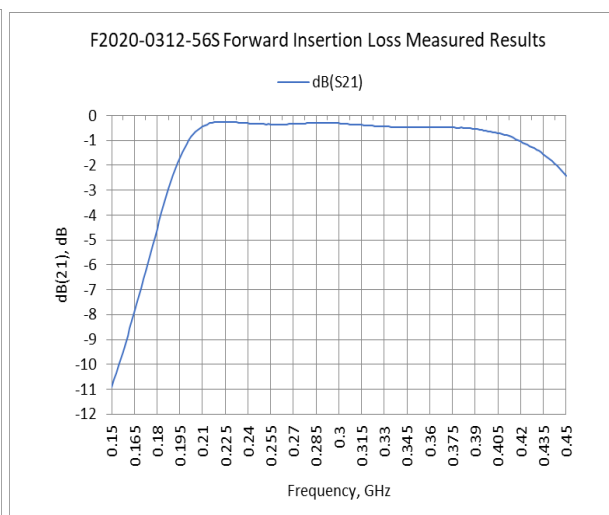
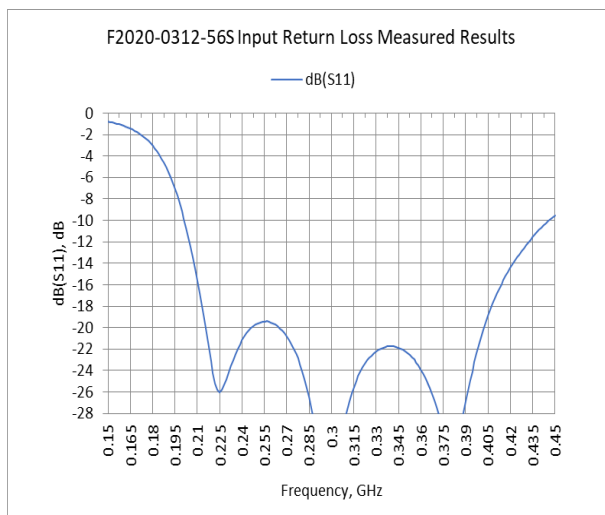
Electrical Specifications

No.	Parameters	Units	Specifications		
			Minimum	Typical	Maximum
1	Frequency Range	MHz	225		400
2	Insertion Loss	dB	-	0.6	1.0
3	Reverse Isolation	dB	16.0	19.0	-
4	VSWR	-	-	-	1.4:1
5	Forward Power CW	Watts			60
6	Reverse Power CW	Watts			10
7	Operating Temperature	°C	-20		+55
8	Impedance	Ω		50	
9	RF Connectors	-	Type N Female Connectors		
10	Signal Flow Direction	-	From Port 1 to Port 2		

Mechanical Structure:

Note: All units in inches (mm).

Typical Test Plots:



Revision History:

Revision	Date	Description	Comments
A00	06/25/2020	Initial Release	