

Key Features:

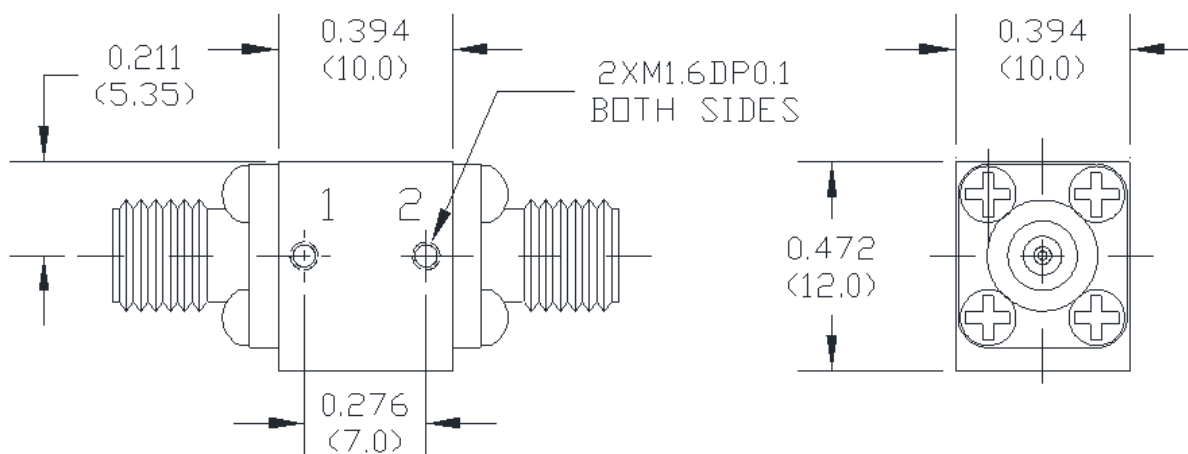
- Frequency range: 26.5~40.0GHz full Ka-band
- 0.65dB typical insertion loss and 15dB typical reverse isolation
- 50 ohm 2.92mm female coaxial connectors
- Power handling up to 5Watts forward, >2Watt termination
- Operating temperature -20~+65°C

Description:

F2260-3325-41 is a full Ka-band single junction coaxial isolator with 2.92mm-female coaxial connectors operating in the frequency range from 26.5 to 40.0 GHz and offers 0.65dB typical insertion loss and 15dB typical reverse isolation. The coaxial isolator can handle 5 watts of forward CW power and 2 watts of reverse power.

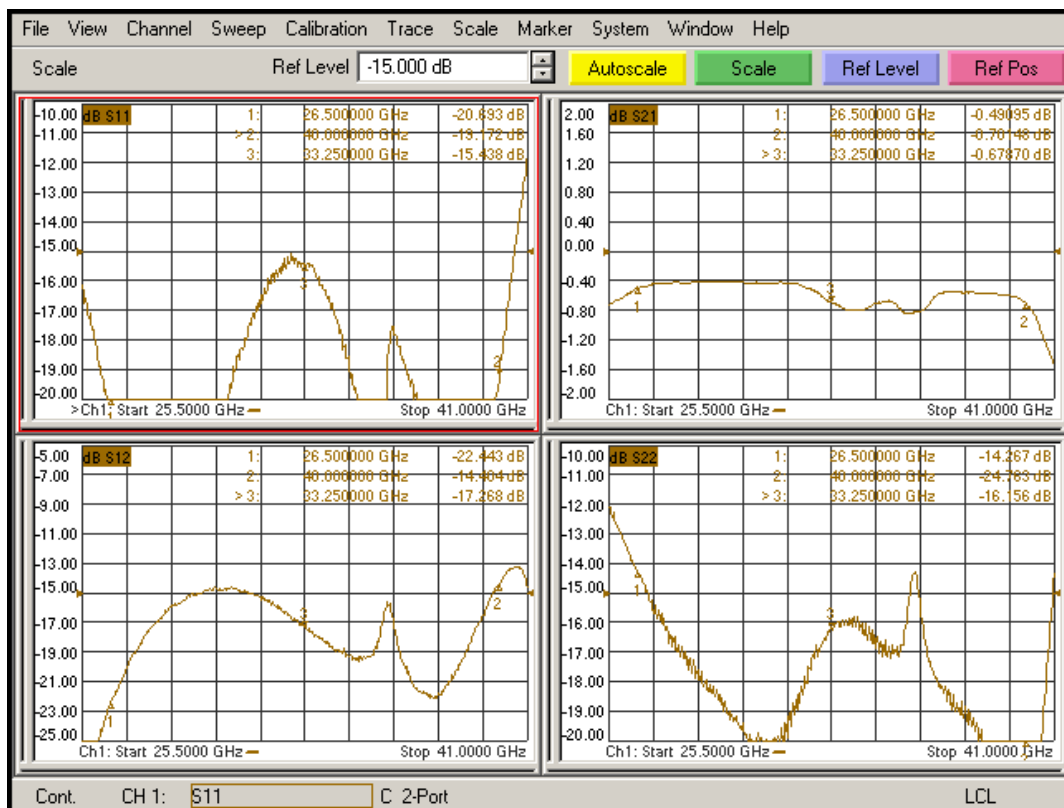
**Electrical Specifications**

No.	Parameters	Units	Specifications		
			Minimum	Typical	Maximum
1	Frequency Range	GHz	26.5		40.0
2	Insertion Loss	dB	-	0.65	1.0
3	Reverse Isolation	dB	13.0	15.0	-
4	VSWR	-	-	1.4:1	1.6:1
5	Forward Power CW	Watts			5
6	Reverse Power CW	Watts			2
7	Operating Temperature	°C	-20		+65
8	Impedance	Ω		50	
9	RF Connectors	-	2.92mm 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	05/30/2025	Initial Release	