

FSCI3030A-2000-6000

Coaxial Isolators, 2-6GHz

Features:

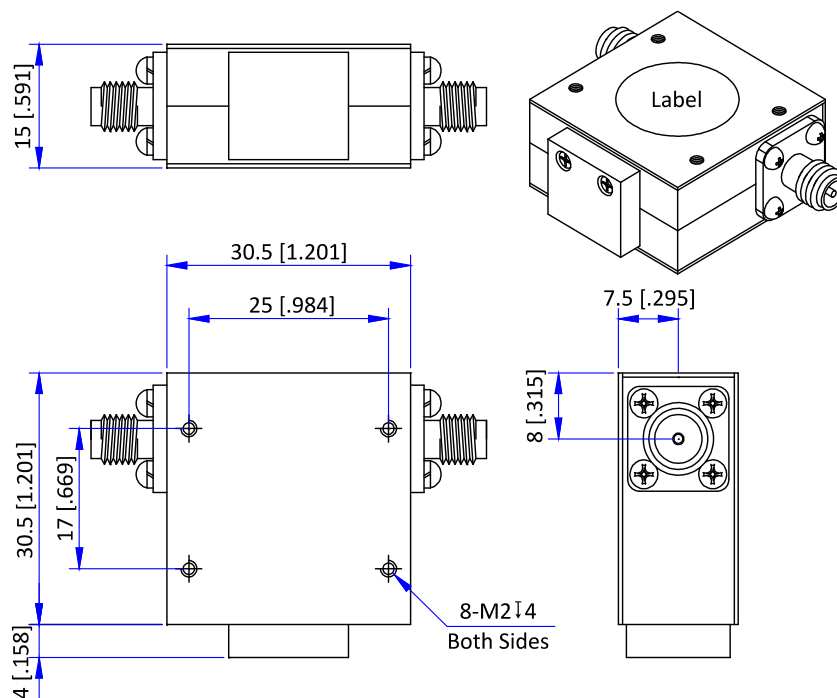
- Excellent Temperature Stability
- Compact Size
- High Reverse Power Handling
- RoHS Compliant

Applications:

- RF Power Amplifiers and PA Protection
- Wireless Communications
- Satellite Communications
- 2G, 3G, 4G, 5G Communication systems

Electrical Specifications							
1	Nominal Impedance	50 Ω					
2	Frequency Bandwidth	Up to 100%					
3	Frequency Range ¹ (MHz)	IL. (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	FWD Power (W Max.)	REV Power (W Max.)	Working Temp.
4	2000-6000	0.85	12	1.50	50	20	-10~+60°C
		1.70	12	1.60	50	20	-40~+70°C
Environmental Specifications							
1	Operating Temperature	-40°C ~ +70°C					
2	Storage Temperature	-50°C ~ +90°C					
Mechanical Specifications							
1	Connectors ³	SMA-Female					
2	Cavity Material	Conductive Oxidized Aluminum					
3	Housing Material	Nickel-Plated Iron					
4	Conductor	Silver-Plated Brass					
5	Dimensions ⁴	30.5x30.5x15.0 mm [1.20x1.20x0.59 in]					
6	Weight	Approx. 120 g					

Outline Drawing (Units: mm [in]; Tolerance: ± 0.3 mm [± 0.01 in])



Ordering Information:

Model: FSCI3030A-FF-FF-RR-CC

FF = Frequency Range in MHz

RR = Reverse Power Rating in W

CC = Connector Type (S=SMA)

Example: 2-6GHz, 20W Reverse Power, SMA $\rightarrow$ **FSCI3030A-2000-6000-20-S**

Notes:

1. Only part of the frequency range is listed. Other frequencies are available upon request.
2. Dimensions do not include connectors and load.