

FSCC3030A-2000-6000-S

Coaxial Circulator, 2-6GHz, 50W, SMA

Features:

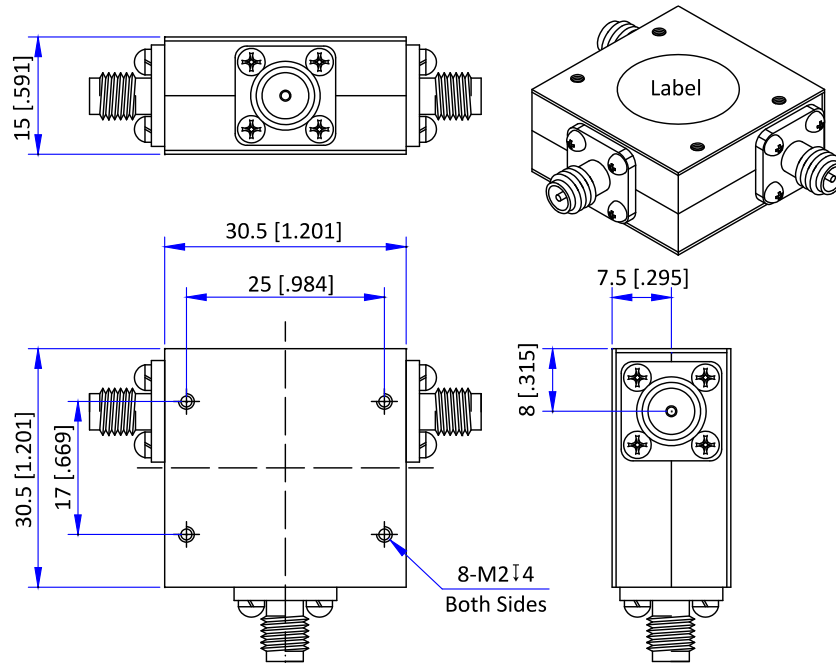
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

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.)	Power (W Max.)	Notes
4	2000-6000	0.85	12.0	1.50	50	-0 ~ +60 °C
		0.70	12.0	1.60	50	-30 ~ +75 °C
Environmental Specifications						
1	Operating Temperature	-30°C ~ +75 °C				
2	Storage Temperature	-50°C ~ +90 °C				
Mechanical Specifications						
1	Connectors ²	SMA-Female				
2	Cavity Material	Conductive Oxidized Aluminum				
3	Housing Material	Nickel-Plated Iron				
4	Inner Conductor	Silver-Plated Brass				
5	Connector Body	Gold-Plated Brass				
6	Dimensions ³	30.5x30.5x15.0 mm [1.20x1.20x0.59 in]				
7	Weight	Approx. 120 g				

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



Ordering Information:

Model: FSCC3030A-FF-FF-CC-[Options]

FF = Frequency Range in MHz

CC = Connector Type (S=SMA)

Options: R= Counterclockwise Circulation (Default: Clockwise Circulation)

Example: 2-6GHz, 50W, SMA, clockwise → FSCC3030A-2000-6000-S

Notes:

1. Only part of the frequency range is listed. Other frequencies are available upon request.
2. Female connector is standard; male connector is available upon request.
3. Dimensions do not include connectors.