

FSCC1319A-6000-12000-S

Coaxial Circulator, 6-12GHz, 30W, SMA

Features:

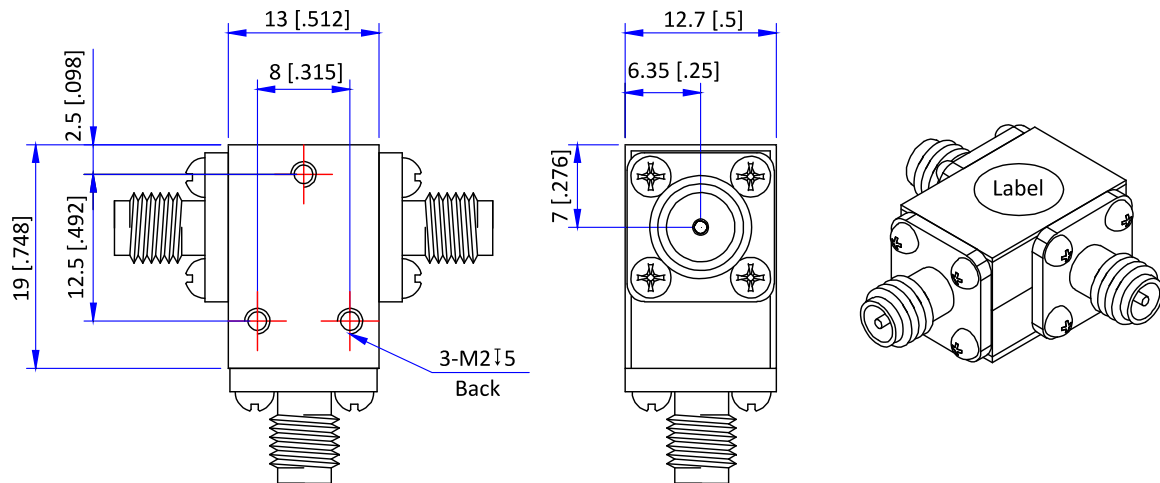
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Power (W Max.)
4	6000-10000	0.6	15	1.45	30
5	6000-12000	0.7	15	1.45	30
6	7000-9000	0.4	20	1.25	30
7	8000-12000	0.5	18	1.35	30
Environmental Specifications					
1	Operating Temperature	-10°C ~ +60°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	13.0x19.0x12.7 mm [0.51x0.75x0.50 in]			
7	Weight	Approx. 20 g			

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



Ordering Information:

Model: FSCC1319A-FF-FF-CC-[Options]

FF = Frequency Range in MHz

CC = Connector Type (S=SMA)

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

Example: 6-12GHz, SMA, Clockwise Circulation → **FSCC1319A-6000-12000-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.