

FSCC2123A-4000-8000

Coaxial Circulator, 4-8GHz, 100W

Features:

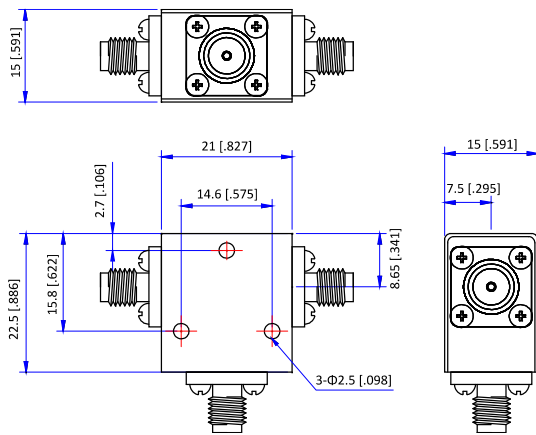
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

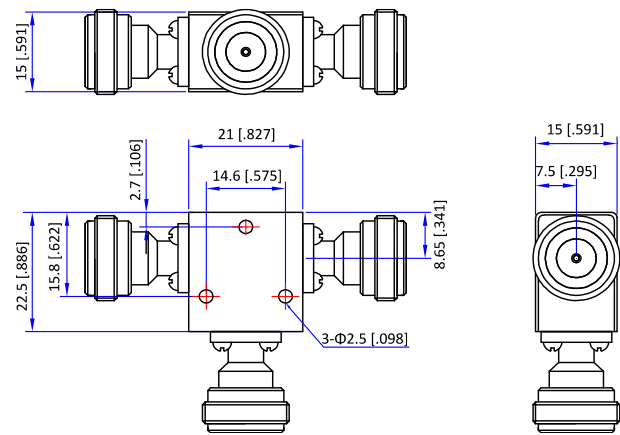
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

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	4000-7000	0.50	18.0	1.30	100
5	4000-7200	0.50	18.0	1.30	100
6	4000-8000	0.60	18.0	1.30	100
7	5000-7000	0.40	20.0	1.25	100
8	5000-8000	0.50	19.0	1.25	100
9	6000-8000	0.40	19.0	1.25	100
Environmental Specifications					
1	Operating Temperature	-10°C ~ +60°C			
2	Storage Temperature	-30°C ~ +70°C			
Mechanical Specifications					
1	Connectors ²	N-Female; SMA-Female			
2	Cavity Material	Conductive Oxidized Aluminum			
3	Housing Material	Nickel-Plated Iron			
4	Inner Conductor	Silver-Plated Brass			
5	Connector Body	SMA: Gold-Plated Brass; N: Nickel-Plated Brass			
6	Dimensions ³	21.0x22.5x15.0 mm [0.83x0.89x0.59 in]			
7	Weight	SMA: Approx. 60 g; N: Approx. 100 g			

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



Outline A: SMA Connector



Outline B: N-Type Connector

Ordering Information:

Model: FSCC2123A-FF-FF-CC-[Options]

FF = Frequency Range in MHz

CC = Connector Type (S=SMA, N=N-Type)

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

Example: 4-8GHz, SMA, clockwise→**FSCC2123A-4000-8000-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.