

FSCC3033A-700-3000-S

Coaxial Circulator, 0.7-3GHz, 100W, SMA

Features:

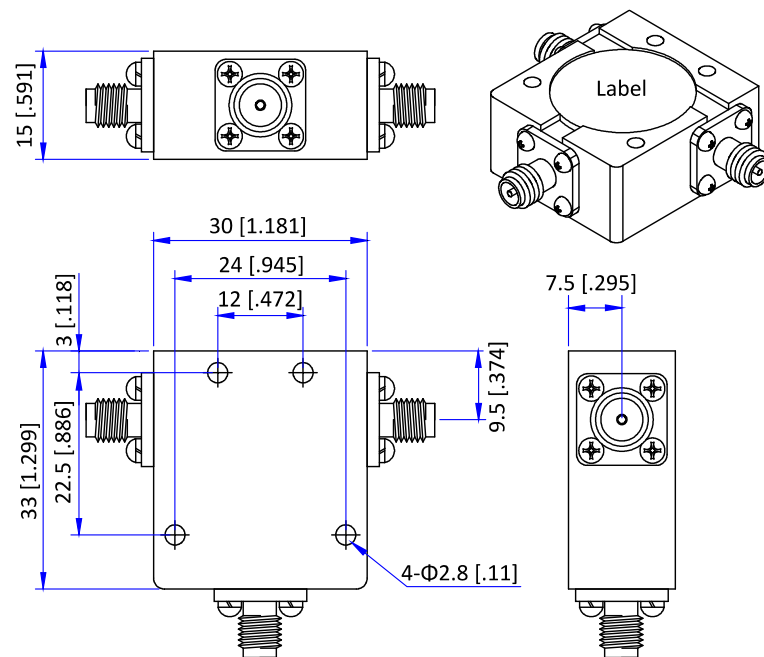
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

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 25%			
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Power (W Max.)
4	700-900	0.60	18.0	1.3	100
5	800-1000	0.50	18.0	1.3	100
6	920-960	0.30	23.0	1.20	100
7	960-1215	0.40	18.0	1.30	100
8	1400-1600	0.35	20.0	1.25	100
9	1700-2300	0.50	18.0	1.30	100
10	1800-2200	0.40	20.0	1.25	100
Environmental Specifications					
1	Operating Temperature	-30°C ~ +75°C			
2	Storage Temperature	-50°C ~ +90°C			
Mechanical Specifications					
1	Connectors ²	SMA-Female			
2	Housing Material	Nickel-Plated Iron			
3	Inner Conductor	Silver-Plated Brass			
4	Connector Body	Gold-Plated Brass			
5	Dimensions ³	30.0x33.0x15.0 mm [1.18x1.30x0.59 in]			
6	Weight	Approx. 104 g			

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



Ordering Information:

Model: FSCC3033A-FF-FF-CC-[Options]

FF = Frequency Range in MHz

CC = Connector Type (S=SMA)

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

Example: 0.7-0.9 GHz, SMA, clockwise→**FSCC3033A-700-900-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.