

FSCC4040A-1500-3600

Coaxial Circulator, 1.5-3.6GHz, 100W

Features:

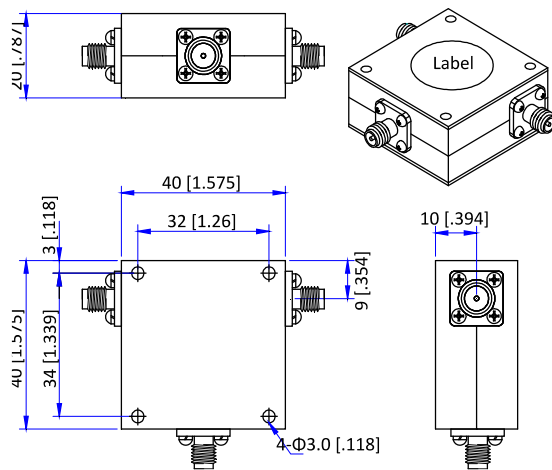
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

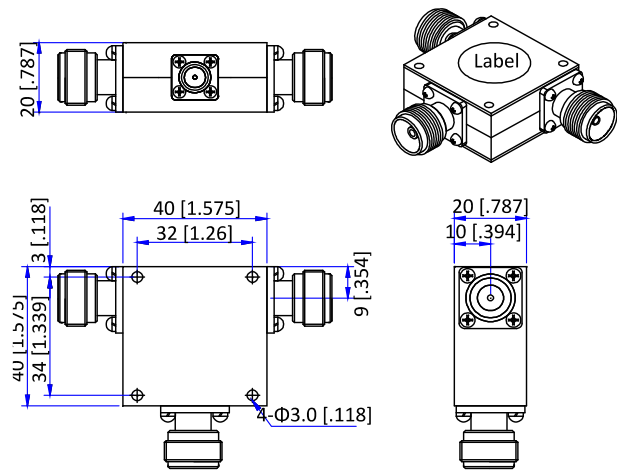
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Frequency Bandwidth	Up to 85%			
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Power (W Max.)
4	1500-3000	0.60	17.0	1.35	100
5	1700-2700	0.50	18.0	1.30	100
6	1800-2700	0.50	18.0	1.30	100
7	1800-3600	0.60	17.0	1.35	100
Environmental Specifications					
1	Operating Temperature	-10°C ~ +60°C			
2	Storage Temperature	-50°C ~ +90 °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: Gold-Plated Brass			
6	Dimensions ³	40.0x40.0x20.0 mm [1.57x1.57x0.79 in]			
7	Weight	Approx. 170 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: FSCC4040A-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: 1.5-3.6GHz, 100W, SMA, Clockwise → FSCC4040A-1500-3600-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.