

FSCC5258A-160-330

Coaxial Circulator, 160-330 MHz

Features:

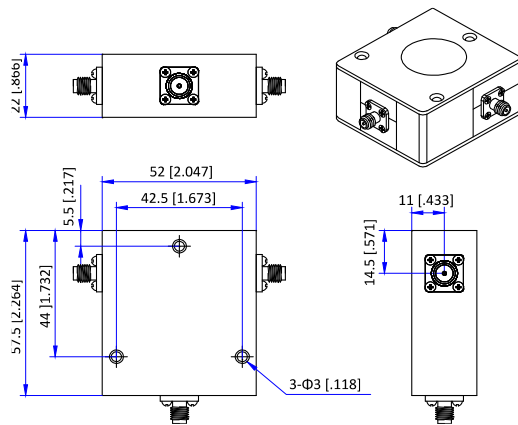
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

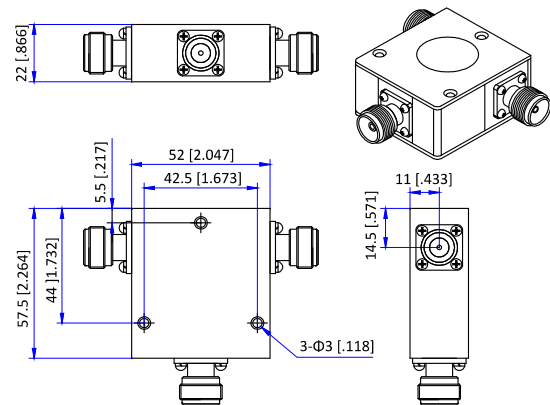
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Frequency Bandwidth	Up to 20%				
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Power (SMA)	Power (N)
4	150-170	0.90	18.0	1.30	150	300
5	160-166	0.70	20.0	1.25	150	300
6	160-170	0.80	18.0	1.30	150	300
7	180-184	0.50	20.0	1.20	150	300
8	192-232	0.80	18.0	1.30	150	300
9	200-210	0.40	23.0	1.20	150	300
10	200-220	0.40	20.0	1.25	150	300
11	215-223	0.40	23.0	1.20	150	300
12	220-240	0.40	20.0	1.25	150	300
13	225-270	0.60	19.0	1.25	150	300
14	230-240	0.40	23.0	1.20	150	300
15	235-255	0.40	20.0	1.25	150	300
16	260-270	0.30	23.0	1.20	150	300
17	260-330	0.60	18.0	1.30	150	300
Environmental Specifications						
1	Operating Temperature	-20°C ~ +70°C				
2	Storage Temperature	-50°C ~ +90°C				
Mechanical Specifications						
1	Connectors ²	N-Female; SMA-Female				
2	Housing Material	Nickel-Plated Iron				
3	Inner Conductor	Silver-Plated Brass				
4	Connector Body	N: Nickel-Plated Brass; SMA: Gold-Plated Brass				
5	Dimensions ³	52.0x57.5x22.0 mm [2.05x2.26x0.87 in]				
6	Weight	Approx. 320 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: FSCC5258A-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: 0.16-0.17 GHz, 300W, SMA, clockwise→**FSCC5258A-160-170-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.