

FSCC6466A-30-40

Coaxial Circulator, 30-40 MHz, 100W

Features:

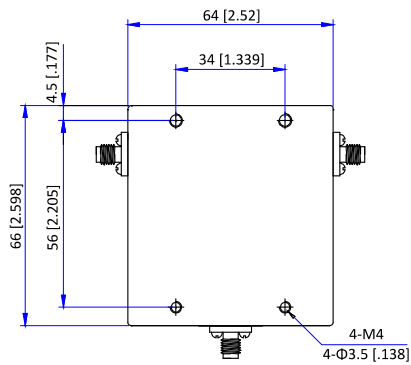
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

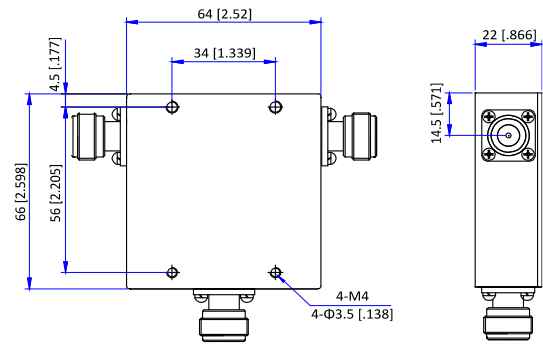
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Frequency Bandwidth	Up to 5%			
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Power (W Max.)
4	30-31	2.0	18.0	1.30	100
5	31-32	1.9	18.0	1.30	100
6	32-33	1.8	18.0	1.30	100
7	33-34	1.8	18.0	1.30	100
8	34-35	1.7	18.0	1.30	100
9	35-37	1.6	18.0	1.30	100
10	37-39	1.6	18.0	1.30	100
11	38-40	1.5	20.0	1.25	100
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	Conductive Oxidized Aluminum			
3	Inner Conductor	Silver-Plated Brass			
4	Connector Body	Nickel-Plated Brass			
5	Dimensions ³	64.0x66.0x22.0 mm [2.52x2.60x0.87 in]			
6	Weight	Approx. 325 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: FSCC6466A-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: 0.03-0.031GHz, SMA-Female, Clockwise Circulation → **FSCC6466A-30-31-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.