

FSCC6466C-950-2000

Coaxial Circulator, 0.95-2GHz

Features:

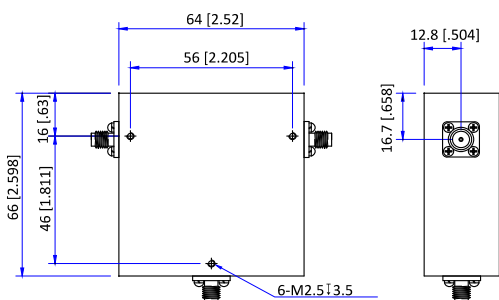
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

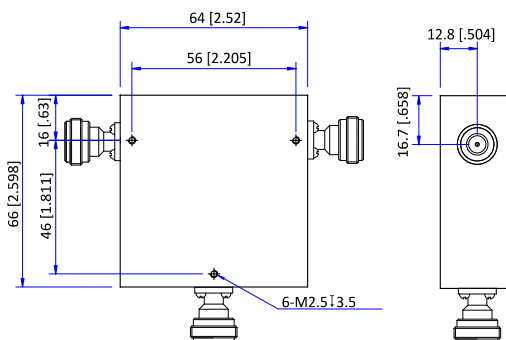
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

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 (SMA)	Power (N)
4	950-1700	0.80	16.0	1.40	100	150
5	950-2000	0.80	16.0	1.40	100	150
6	1000-1700	0.70	17.0	1.40	100	150
7	1000-2000	0.70	17.0	1.40	100	150
Environmental Specifications						
1	Operating Temperature	-10°C ~ +60°C				
2	Storage Temperature	-40°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	Nickel-Plated Brass				
6	Dimensions ³	64.0x66.0x26.0 mm [2.52x2.60x1.02 in]				
7	Weight	Approx. 450 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: FSCC6466C-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: 1-1.7 GHz, SMA→**FSCC6466C-1000-1700-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.