

FSCI6466C-950-2000

Coaxial Isolators, 0.95-2GHz

Features:

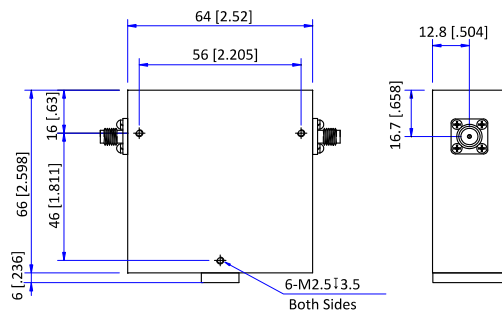
- Excellent Temperature Stability
- Compact Size
- High Reverse Power Handling
- RoHS Compliant

Applications:

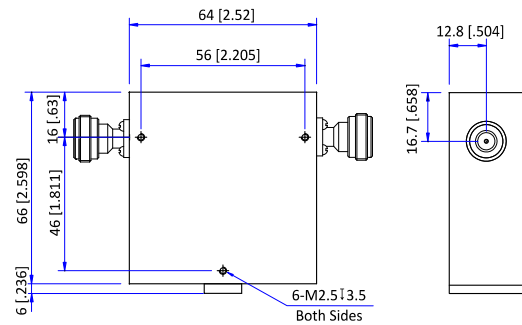
- RF Power Amplifiers and PA Protection
- Wireless Communications
- Satellite Communications
- 2G, 3G, 4G, 5G Communication systems

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.)	FWD Power (W Max.)	REV Power (W Max.)
		SMA	N				
4	950-1700	0.7	0.8	16	1.40	150	100
5	950-2000	0.8	0.8	16	1.40	150	100
6	1000-1700	0.7	0.7	17	1.40	150	100
7	1000-2000	0.7	0.7	17	1.40	150	100
Environmental Specifications							
1	Operating Temperature	-10°C ~ +60°C					
2	Storage Temperature	-40°C ~ +90°C					
Mechanical Specifications							
1	Connectors ²	SMA-Female; N-Female					
2	Cavity Material	Conductive Oxidized Aluminum					
3	Housing Material	Nickel-Plated Iron					
4	Conductor	Silver-Plated Brass					
5	Dimensions ³	64.0x66.0x26.0 mm [2.52x2.60x1.02 in]					
6	Weight	SMA: Approx. 425 g; N: Approx. 450 g					

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



Outline A: SMA Connector



Outline B: N Connector

Ordering Information:

Model: FSCI6466C-FF-FF-RR-CC

FF = Frequency Range in MHz

RR = Reverse Power Rating in W

CC = Connector Type (S=SMA; N=N-Type)

Example: 0.95-1.7GHz, 100W Reverse Power, SMA → **FSCI6466C-950-1700-100-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.