FSCI6466A-30-40

Coaxial Isolators, 30-40MHz

Features:

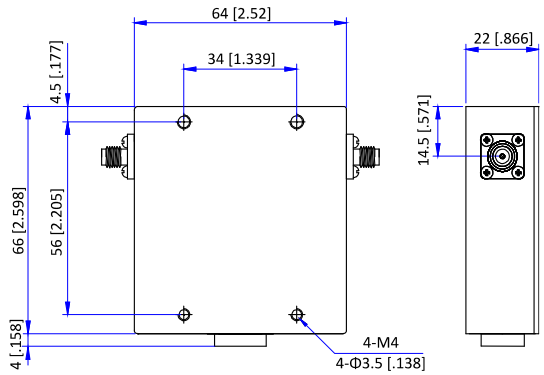
- Excellent Temperature Stability
- Compact Size
- High Reverse Power Handling
- RoHS Compliant

Applications:

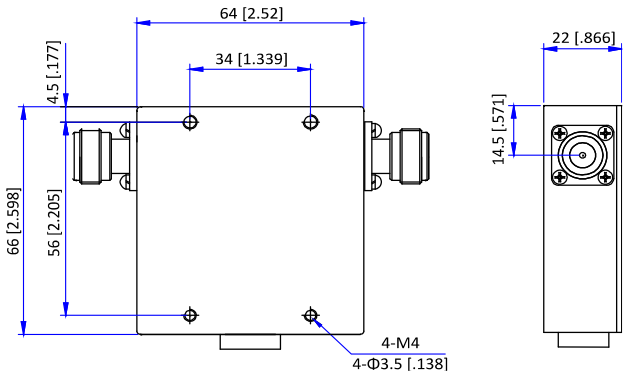
- RF Power Amplifiers and PA Protection
- Wireless Communications
- Satellite Communications
- 2G, 3G, 4G, 5G Communication systems

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Frequency Bandwidth	Up to 5%				
3	Frequency Range[1] (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	FWD Power (W Max.)	REV Power[2] (W Max.)
4	30-31	2	18	1.30	50	20/50
5	31-32	1.9	18	1.30	50	20/50
6	32-33	1.8	18	1.30	50	20/50
7	33-34	1.8	18	1.30	50	20/50
8	34-35	1.7	18	1.30	50	20/50
9	35-37	1.6	18	1.30	50	20/50
10	37-39	1.6	18	1.30	50	20/50
11	38-40	1.5	20	1.25	50	20/50
Environmental Specifications						
1	Operating Temperature	-20°C ~ +70°C				
2	Storage Temperature	-40°C ~ +90°C				
Mechanical Specifications						
1	Connectors[3]	SMA-Female; N-Female				
2	Cavity Material	Conductive Oxidized Aluminum				
3	Housing Material	Conductive Oxidized Aluminum				
4	Conductor	Silver-Plated Brass				
5	Dimensions[4]	64.0x66.0x22.0 mm [2.52x2.60x0.87 in]				
6	Weight	Approx. 340 g / 360 g				

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



Outline A: SMA Connector



Outline B: N Connector

Ordering Information:

Model: FSCI6466A-FF-FF-RR-CC

FF = Frequency Range in MHz
RR = Reverse Power Rating in W
CC = Connector Type (S=SMA; N=N-Type)
Example: 30-31MHz, 50W Reverse Power, SMA→**FSCI6466A-30-31-50-S**

Notes:

1. Only part of the frequency range is listed. Other frequencies are available upon request.
2. Standard reverse power ratings are 20 W and 50 W; both with the same outline dimensions.
3. Female connector is standard; male connector is available upon request.
4. Dimensions do not include connectors.