

FSCI3232A-700-3000

Coaxial Isolators, 700-3000MHz

Features:

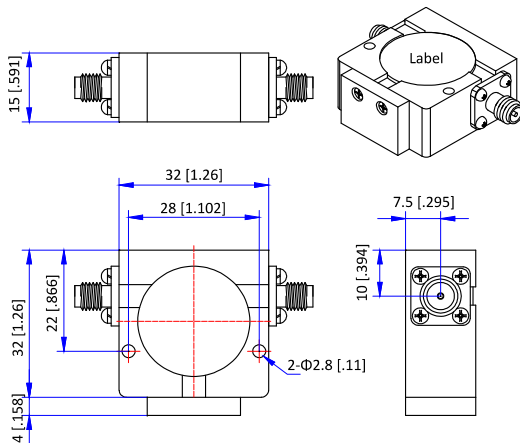
- Excellent Temperature Stability
- Compact Size
- High Reverse Power Handling
- RoHS Compliant

Applications:

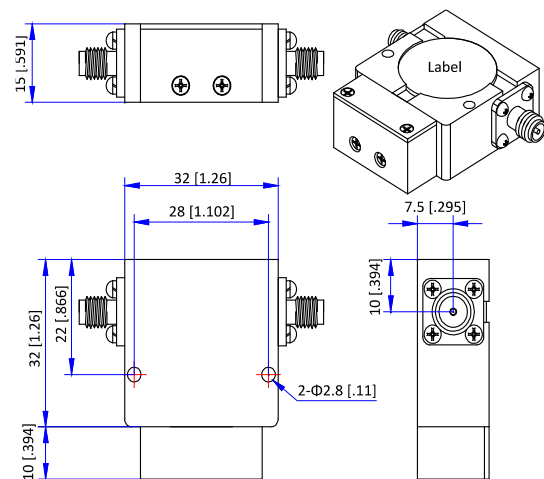
- RF Power Amplifiers and PA Protection
- Wireless Communications
- Satellite Communications
- 2G, 3G, 4G, 5G Communication systems

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Frequency Bandwidth	Up to 25%				
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	FWD Power (W Max.)	REV Power ² (W Max.)
4	700-900	0.6	18	1.30	150	20/100
5	800-1000	0.5	18	1.30	150	20/100
6	920-960	0.3	23	1.20	150	20/100
7	960-1215	0.4	18	1.30	150	20/100
8	1028-1032	0.3	25	1.15	150	20/100
9	1700-2200	0.4	20	1.25	150	20/100
10	1700-2300	0.5	18	1.30	150	20/100
11	1800-2200	0.4	20	1.25	150	20/100
12	2200-2700	0.5	19	1.25	150	20/100
Environmental Specifications						
1	Operating Temperature	-30°C ~ +75°C				
2	Extended Temperature	-45°C ~ +85°C, optional				
3	Storage Temperature	-50°C ~ +90°C				
Mechanical Specifications						
1	Connectors ³	SMA-Female				
2	Cavity Material	Conductive Oxidized Aluminum				
3	Housing Material	Nickel-Plated Iron				
4	Conductor	Silver-Plated Brass				
5	Dimensions ⁴	32.0x32.0x15.0 mm [1.26x1.26x0.59 in]				
6	Weight	Approx. 320 g				

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



Outline A: SMA, 20W Reverse Power



Outline B: N, 100W Reverse Power

Ordering Information:

Model: FSCI3232A-FF-FF-RR-CC-[Options]

FF = Frequency Range in MHz

RR = Reverse Power Rating in W

CC = Connector Type (S=SMA)

Options: E = Extended Temperature Range

Example: 700-900MHz, 100W Reverse Power, SMA → **FSCI3232A-700-900-100-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 100 W. Others are available upon request.
3. Female connector is standard; male connector is available upon request.
4. Dimensions do not include connectors.