

FSCC2528B-3000-6000

Coaxial Circulator, 3-6GHz, 100W

Features:

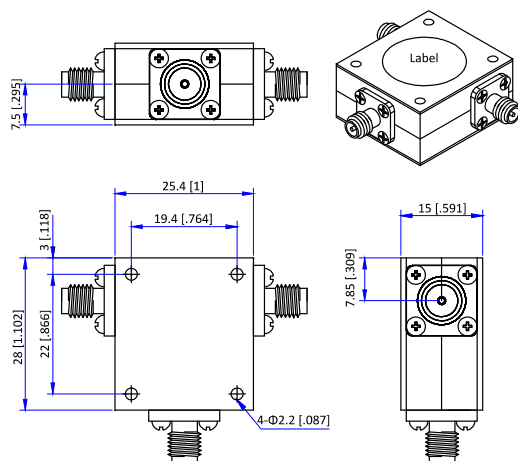
- Excellent Temperature Stability
- Compact Size
- High Power Handling
- RoHS Compliant

Applications:

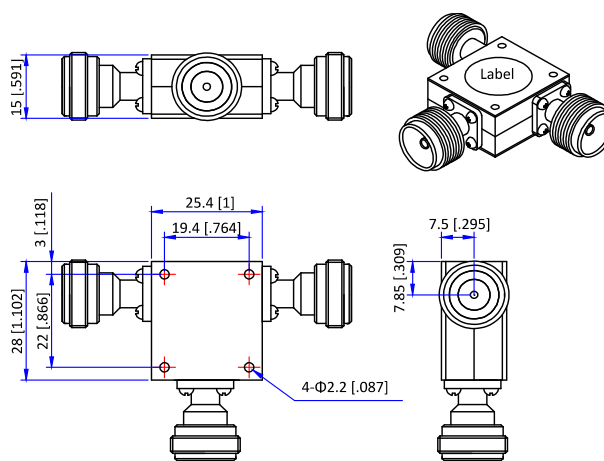
- RF Power Amplifiers and PA Protection
- Shared Antenna Systems
- Wireless Communications
- Satellite Communications

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Frequency Bandwidth	Up to 100%				
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)		Isolation (dB Min.)	VSWR (Max.)	Power (W Max.)
		SMA	N			
4	3000-6000	0.5	0.6	18	1.30	100
Environmental Specifications						
1	Operating Temperature	0°C ~ +60°C				
Mechanical Specifications						
1	Connectors ²	N-Female; SMA-Female				
2	Dimensions ³	25.4x28.0x15.0 mm [1.00x1.10x0.59 in]				

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



Outline A: SMA Connector



Outline B: N-Type Connector

Ordering Information:

Model: FSCC2528B-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: 3-6GHz, 100W, SMA, Clockwise → FSCC2528B-3000-6000-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.