

# FCI1626B

## High Power, High Isolation

Features:  
 \* High Power  
 \* High Isolation  
 \* Low Insertion Loss  
 \* Low VSWR

Applications:  
 \* Wireless  
 \* Radar  
 \* Laboratory Test

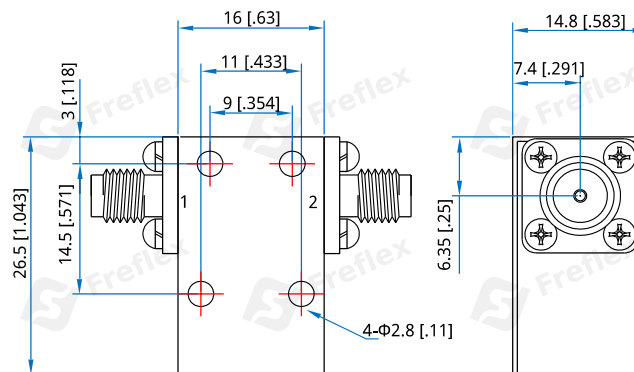
### Description

FCI1626B series Coaxial Isolators cover frequency range 3700~5000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

### Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
3700~4200	500	0.40	20.0	1.25	60	10	SMA	-10~+60
4000~5000	1000	0.40	20.0	1.25	60	10	SMA	-10~+60

### Outline Drawings



Unit: mm [inch]      Tolerance: ±0.2mm [±0.008in]

### Mechanical

Size<sup>\*1</sup>: 16\*26.5\*14.8mm  
 0.63\*1.043\*0.583in

Mounting: 4-Φ2.8mm through-hole

[1] Exclude connectors and terminations.

### Connector Naming Rules:

S - SMA Female

### Direction Naming Rules:

1 - Clockwise  
 2 - Anticlockwise

### How To Order

#### FCI1626B-U-V-W-X-Y-Z

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

Examples:

To order a FCI1626B series Isolator, 3700~4200MHz, Forward power 60W, Reverse power 10W, SMA female, Clockwise, specify FCI1626B-3700-4200-60-10-S-1.

Customization is available upon request.