

FCI1622B

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

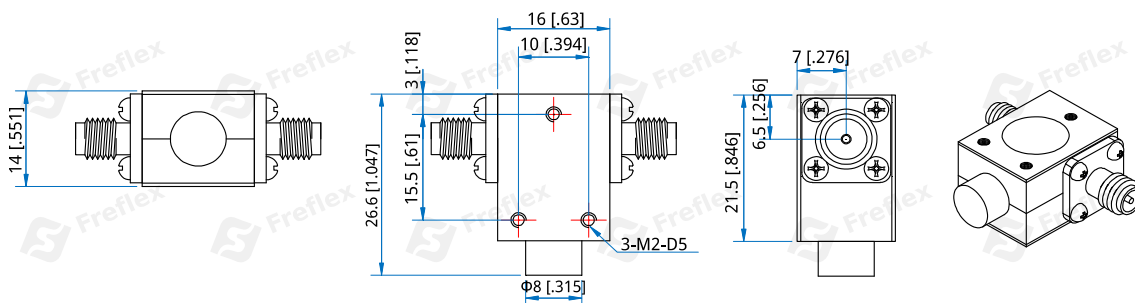
- * Wireless
- * Radar
- * Laboratory Test

Description

FCI1622B series Coaxial Isolators cover frequency range 6~18GHz. 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)
6000~18000	12000	1.50	9.50	2.00	20	10	SMA	0~+60
8000~18000	10000	1.40	12.0	1.60	30	10	SMA	0~+60
12000~18000	6000	0.80	17.0	1.40	30	10	SMA	0~+60

Outline Drawings


Unit: mm [inch]

 Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

Mechanical

Size*1: 16*21.5*14mm
0.63*0.846*0.551in

Mounting: 3-M2, depth 5mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order
FCI1622B-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 FCI1622B series Isolator, 8~18GHz, Forward power 30W, Reverse power 10W, SMA female, Clockwise, specify FCI1622B-8000-18000-30-10-S-1.

Customization is available upon request.