

FCI1523C

High Power, High Isolation

Features:

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

Applications:

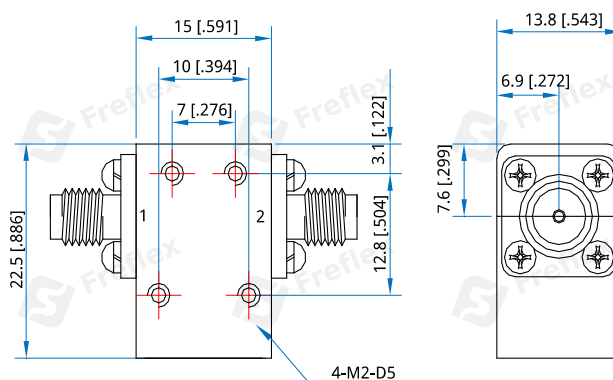
- * Wireless
- * Radar
- * Laboratory Test

Description

FCI1523C series Coaxial Isolators cover frequency range 3600~7200MHz. 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)
3600~4200	600	0.50	18.0	1.30	60	10	SMA	-10~+60
4000~5000	1000	0.50	18.0	1.30	60	10	SMA	-10~+60
4500~5500	1000	0.40	20.0	1.25	60	10	SMA	-10~+60
5800~7200	1400	0.50	18.0	1.35	60	10	SMA	-10~+60

Outline Drawings


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

Mechanical

Size*1: 15*22.5*13.8mm
0.591*0.886*0.543in

Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FCI1523C-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 FCI1523C series Isolator, 3600~4200MHz, Forward power 60W, Reverse power 10W, SMA female, Clockwise, specify FCI1523C-3600-4200-60-10-S-1.

Customization is available upon request.