

FDI1622B

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

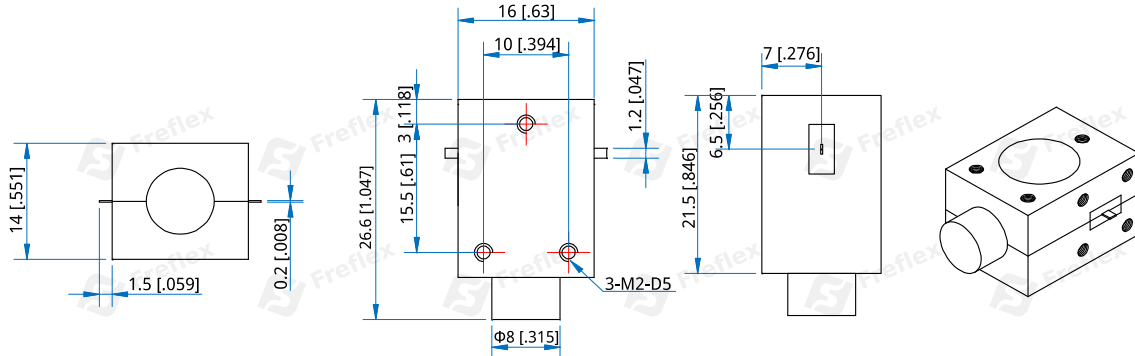
Description

QD1622B series Drop-In 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
6000~18000	12000	1.50	9.50	2.0	30	10	0~+60
8000~16100	8100	0.80	15.0	1.50	30	10	0~+70
8000~18000	10000	1.40	12.0	1.60	30	10	0~+60
12000~18000	6000	0.80	17.0	1.40	30	10	0~+60

Outline Drawings



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

Mechanical

Size*1: 16*26.6*14mm
0.63*1.047*0.551in
Connector Type: Strip line
Mounting: 3-M2, depth 5mm

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order

FDI1622B-V-W-X-Y-Z

V: Start frequency in MHz
W: Stop frequency in MHz
X: Forward Power in W
Y: Reverse Power in W
Z: Direction type

Examples:

To order a FDI1622B series Isolator, 6000~18000MHz, Forward power 30W, Reverse power 10W, Clockwise, specify FDI1622B-6000-18000-30-10-1.