

FDI1318B

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

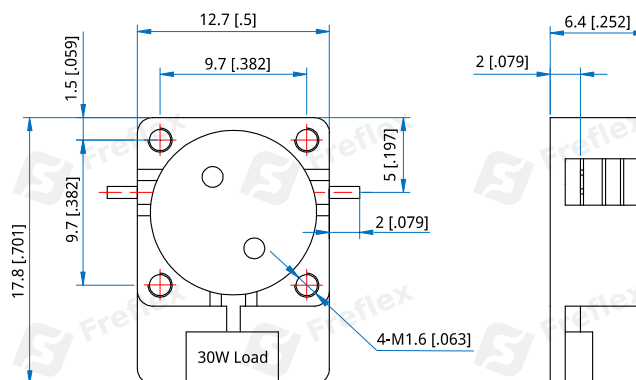
FDI1318B series Drop-In Isolators cover frequency range 2900~3300MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
2900~3300	400	0.25	20.0	1.20	20 ^{*1}	20	-40~+85

[1] Peak Power: 150W (1mS pulse width, 15% duty cycle)

Outline Drawings



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

Mechanical

Size ^{*1} :	12.7*17.8*6.4mm
	0.5*0.701*0.252in
Connector Type:	Strip line
Mounting:	4-M1.6mm

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI1318B-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 FDI1318B series Isolator, 2900~3300MHz, Forward power 20W, Reverse power 20W, Clockwise, specify FDI1318B-2900-3300-20-20-1.

Customization is available upon request.