

FDI1626D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

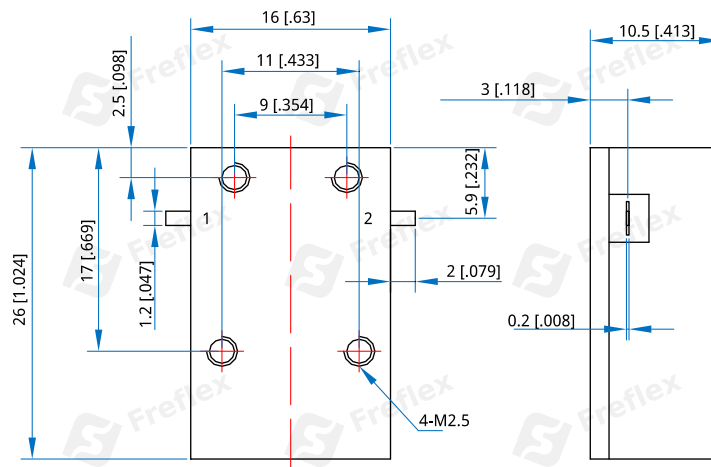
Description

FDI1626D series Drop-In 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
3700~4200	500	0.40	20.0	1.25	100	10	-30~+70
3500~6500	300	0.30	23.0	1.20	100	10	-30~+70
3500~6500	600	0.40	20.0	1.25	100	10	-30~+70
4000~5000	1000	0.50	18.0	1.30	100	10	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 16*26*10.5mm
0.63*1.024*0.413in

Connector Type: Strip line

Mounting: 4-M2.5

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order

FDI1626D-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 FDI1626D series Isolator, 3700~4200MHz, Forward power 100W, Reverse power 10W, Clockwise, specify
FDI1626D-3700-4200-K1-10-1