

FDI6466H

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

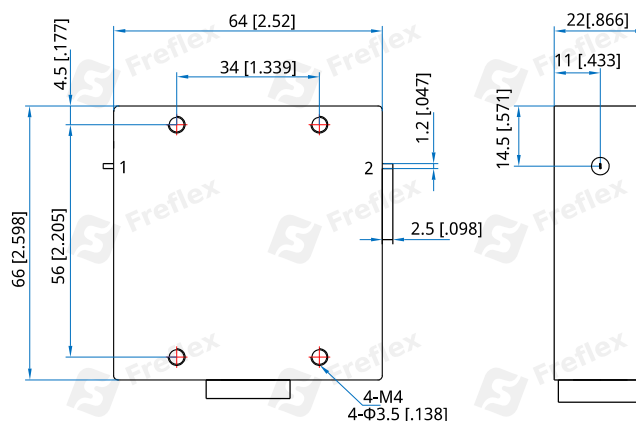
Description

FDI6466H series Drop-In Isolators cover frequency range 20~400MHz. 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)
20~30	0	2.0	18.0	1.30	100	10~100	-10~+60
30~80	0	1.20	20.0	1.25	100	10~100	-10~+60
30~80	5	1.80	18.0	1.30	100	10~100	-10~+60
88~108	20	0.60	20.0	1.25	100	10~100	-10~+60
100~140	40	1.20	18.0	1.30	100	10~100	-10~+60
116~138	22	1.20	18.0	1.30	100	10~100	-10~+60
130~180	50	0.60	20.0	1.25	100	10~100	-10~+60
136~174	38	0.60	20.0	1.25	100	10~100	-10~+60
150~170	20	0.60	20.0	1.25	100	10~100	-10~+60
170~230	60	0.60	20.0	1.25	100	10~100	-10~+60
225~400	175	0.80	18.0	1.30	100	10~100	-10~+60

The size of the termination varies according to the reverse power

Outline Drawings


Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

Mechanical

Size ^{*1} :	64*66*22mm 2.25*2.598*0.866in
Connector Type:	Strip line
Mounting:	4-Φ3.5mm through-hole 4-M4

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI6466H-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 FDI6466H series Isolator, 30~40MHz, Forward power 100W, Reverse power 10W, Clockwise, specify FDI6466H-30-40-K1-10-1.

Customization is available upon request.