

FCC6060E

High Power, High Isolation

Features:
 * High Power
 * High Isolation
 * Low Insertion Loss
 * Low VSWR

Applications:
 * Wireless
 * Radar
 * Laboratory Test

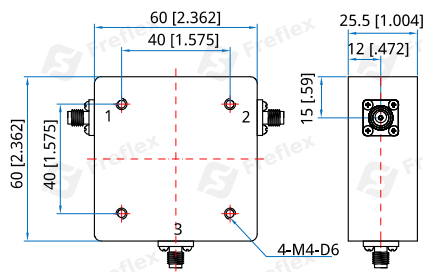
Description

FCC6060E series Coaxial Circulators cover frequency range 62~400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

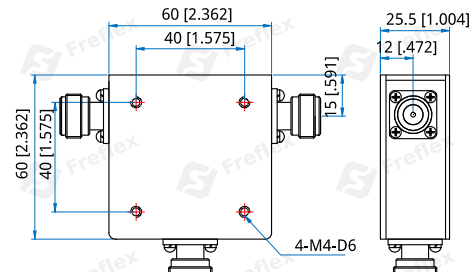
Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Connector	Temperature (°C)
62~66	4	0.60	20.0	1.25	100	SMA	-20~+70
116~138	22	0.50	20.0	1.25	50, 100	SMA	-20~+70
130~180	50	0.70	17.0	1.35	100	SMA	0~+60
136~174	38	0.60	20.0	1.25	100	SMA	-20~+70
150~170	20	0.50	20.0	1.25	100	SMA	-20~+70
170~230	60	0.60	20.0	1.25	100	SMA	-20~+70
225~400	175	0.90	17.0	1.35	100	N	0~+60

Outline Drawings



Outline A



Outline B

Unit: mm [inch]

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

Mechanical

Size^{*1}: 60*60*25.5mm
 2.362*2.362*1.004in

Mounting: 4-M4, depth 6mm

[1] Exclude connectors

Connector Naming Rules:

S - SMA Female (Outline A)

N - N Female (Outline B)

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order

FCC6060E-V-W-X-Y-Z

V: Start frequency in MHz

W: Stop frequency in MHz

X: Average power in W

Y: Connector type

Z: Direction type

Examples:

To order a FCC6060E series Circulator, 62~66MHz, 100W, SMA female, Clockwise, specify FCC6060E-62-66-K1-S-1.

Customization is available upon request.