

# FCC6466H

## High Power, High Isolation

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

Applications:  
 \* Wireless  
 \* Radar  
 \* Laboratory Test

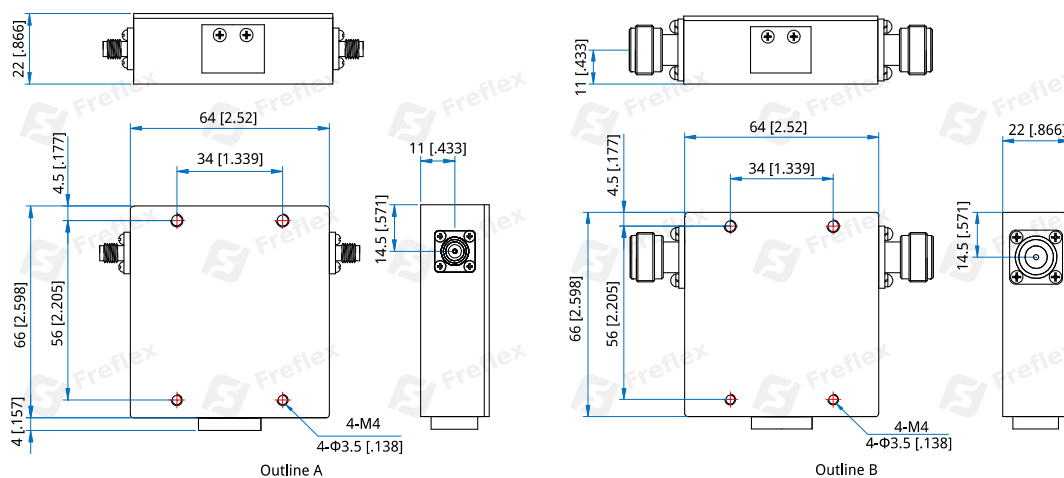
### Description

FCC6466H series Coaxial Circulators cover frequency range 30~40MHz. 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)
30~31	1	2.00	18.0	1.30	100	SMA, N	-20~+70
31~32	1	1.90	18.0	1.30	100	SMA, N	-20~+70
32~33	1	1.80	18.0	1.30	100	SMA, N	-20~+70
33~34	1	1.80	18.0	1.30	100	SMA, N	-20~+70
34~35	1	1.70	18.0	1.30	100	SMA, N	-20~+70
35~37	2	1.60	18.0	1.30	100	SMA, N	-20~+70
37~39	2	1.60	18.0	1.30	100	SMA, N	-20~+70
38~40	2	1.50	20.0	1.25	100	SMA, N	-20~+70

### Outline Drawings



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

### Mechanical

Size\*1: 64\*66\*22mm  
 2.52\*2.598\*0.866in  
 Mounting: 4-Φ3.5mm through-hole  
 4-M4

[1] Exclude connectors

**How To Order****FCC6466H-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

**Connector Naming Rules:**

S - SMA Female (Outline A)

N - N Female (Outline B)

**Direction Naming Rules:**

1 - Clockwise

2 - Anticlockwise

## Examples:

To order a FCC6466H series Circulator, 30~31MHz, 100W, N female, clockwise, specify FCC6466H-30-31-K1-N-1.

Customization is available upon request.