

# FCI6466K

## High Power, High Isolation

**Features:**

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

**Applications:**

- \* Wireless
- \* Radar
- \* Laboratory Test

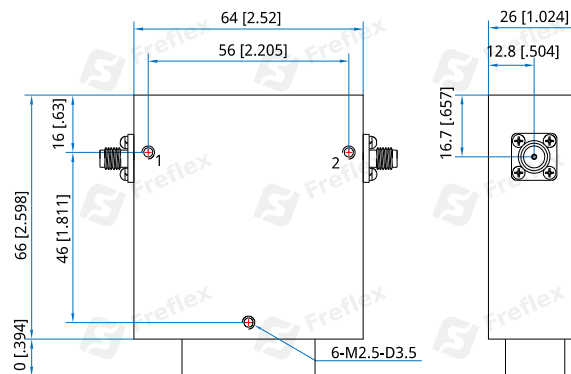
**Description**

FCI6466K series Coaxial Isolators cover frequency range 950~2000MHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
950~2000	1050	0.65	16.0	1.40	100	10~100	SMA, N	-30~+70
1000~2000	1000	0.60	17.0	1.40	100	10~100	SMA, N	-30~+70

The size of the termination varies according to the reverse power

**Outline Drawings**


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

**Mechanical**

Size<sup>\*1</sup>: 64\*66\*26mm  
2.52\*2.598\*1.024in

Mounting: 6-M2.5, depth 3.5mm

[1] Exclude connectors and terminations.

**Connector Naming Rules:**

S - SMA Female

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**
**FCI6466K-U-V-W-X-Y-Z**

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

**Examples:**

To order a FCI6466K series Isolator, 950~2000MHz, Forward power 100W, Reverse power 100W, SMA female, Clockwise, specify FCI6466K-950-2000-K1-K1-S-1.

Customization is available upon request.