

## FWI-50000-75000-1

V-band, 50~75GHz, 1W

### Features:

- \* Broadband
- \* High Isolation
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	50~75GHz
Insertion Loss:	2dB max.
Isolation:	18dB min.
VSWR:	1.45 typ.
Power:	1W CW max.

### Absolute Maximum Ratings<sup>\*1</sup>

RF Input Power: +30dBm

[1] Permanent damage may occur if any of these limits are exceeded.

### Mechanical<sup>\*2</sup>

Interface <sup>*3</sup> :	WR-15 (BJ620)
Flange:	UG-385/UM anti-cocking
Material:	Copper
Finish:	Gold-plating
Weight:	65g

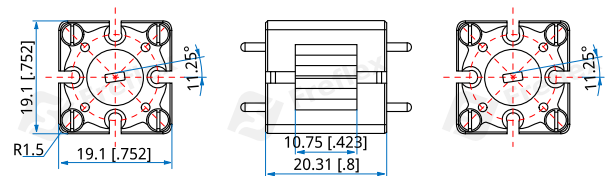
[2] The isolator is magnetic sensitive device, keep it 2inch away from the strong magnetic fields.

[3] The input and output waveguides have some slanted direction, but it doesn't effect the performance, and it can be connected to the standard waveguide directly.

### Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+105°C

### Outline Drawings



Unit: mm [inch]

Tolerance: ±0.3mm [±0.012in]

### How To Order

**FWI-50000-75000-1**

Customization is available upon request.