

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*¹

RF Input Power: +30dBm

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

Mechanical*²

Interface ^{*3} :	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.

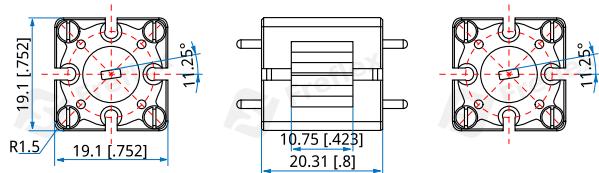
[3] The input and output waveguides have some slanted direction, but it doesn't effect the performance, and it can be connected to the standard waveguide directly.

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

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Customization is available upon request.