

FWI-75000-110000-1

W-band, 75~110GHz, 1W

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Electrical

| | |
|-----------------|------------|
| Frequency: | 75~110GHz |
| Insertion Loss: | 2dB max. |
| Isolation: | 18dB min. |
| VSWR: | 1.5 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-10 (BJ900) |
| Flange: | UG-387/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.

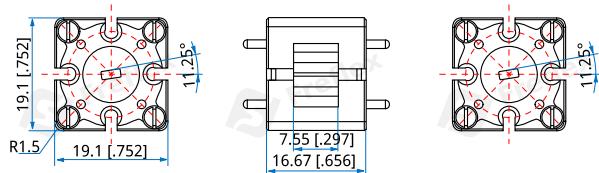
[3] The input and output waveguides have some slanted direction, but it doesn't effect the performance, and it can be connected to the standard waveguide directly.

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.