

Part Number: ISO-10-F00

## WR-10 Full Band Isolator

- 75 GHz to 110 GHz
- Isolation 27 dB TYP
- Insertion Loss 2.0 dB TYP
- Return Loss, 1.4:1 MAX
- Max Power: 1.0 W

**Input Port** WR-10 Waveguide, UG-387/U Flange  
**Output Port** WR-10 Waveguide, UG-387/U Flange



STOCK#:

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## PRODUCT OVERVIEW

Precision mmw W band Isolators are built with high quality materials and use the Faraday principle in our full band isolator design. They have low loss and high Isolation.

## APPLICATIONS

- 5G Systems
- Component protection
- Communication Systems

| Parameter       | Specification     |
|-----------------|-------------------|
| Frequency Range | 75 GHz to 110 GHz |
| Isolation       | 27 dB TYP         |
| Insertion Loss  | 2.0 dB TYP        |
| A=              | 2.46 in [63 mm]   |

|             |                 |
|-------------|-----------------|
| B =         | 0.93 in [25 mm] |
| Return Loss | 1.4:1 Max       |



