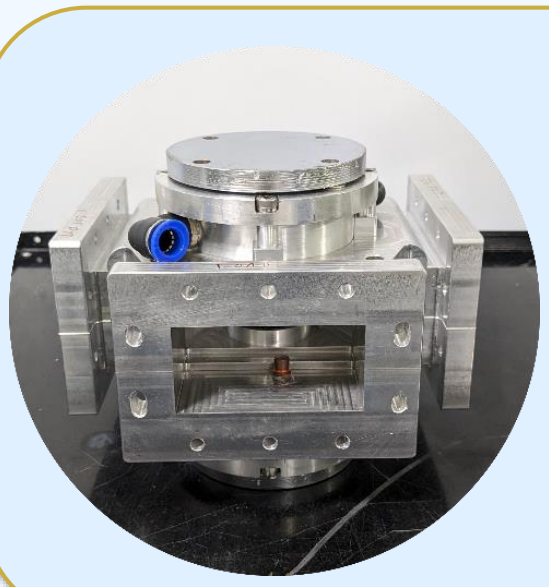
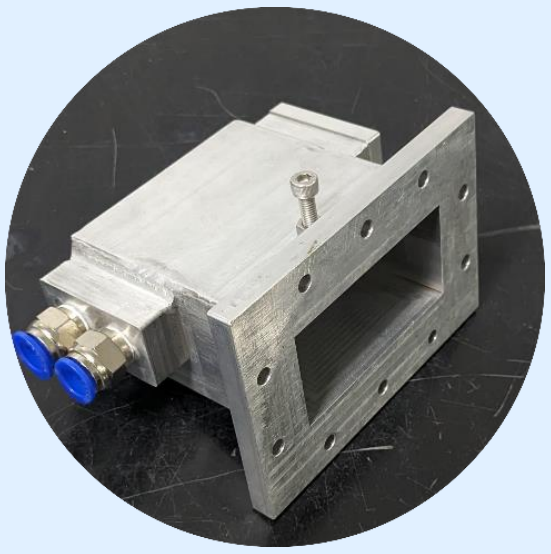
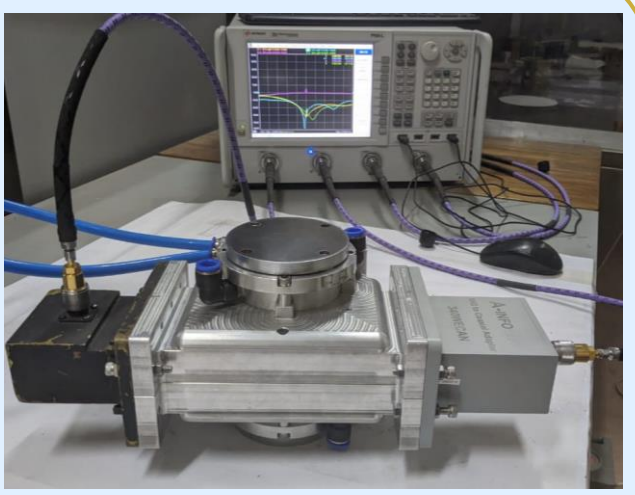
S-Band 2.45 GHz 6 kW CW Isolator

"Innovative Solutions for a Connected Future"







Isolator is a passive non-reciprocal device which allows only one-way transmission of RF power. 2.45 GHz CW Isolators are essential in various high power industrial microwave systems. The isolator is realized by combining a 3-port circulator and a compact RF water.

Key Features

- Compact
- Rugged
- Low insertion loss and high isolation
- Low Reflection
- Economical
- Above resonance design

Specifications	Value
Centre frequency	2450 MHz
Return loss	≥26 dB
Insertion loss	≤0.2 dB
Isolation	≥26 dB
Bandwidth	± 25 MHz
Power	6 kW CW

Applications

- Lab grown diamond industries
- Medical disinfection system
- Microwave assisted rubber/bamboo/wood/paper processing industries

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