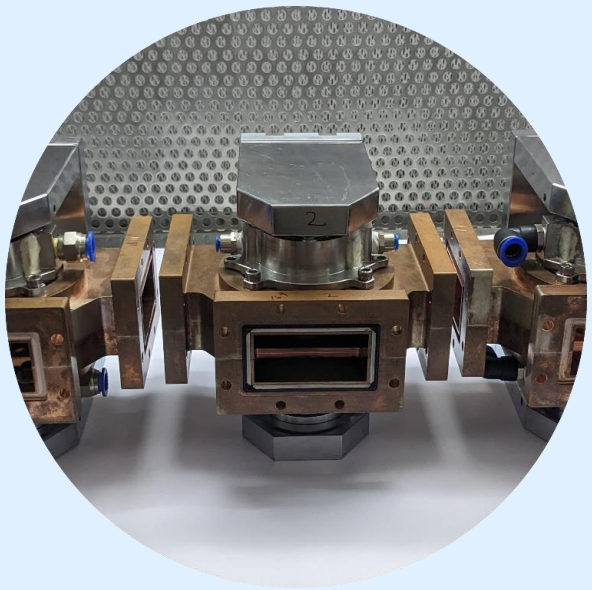
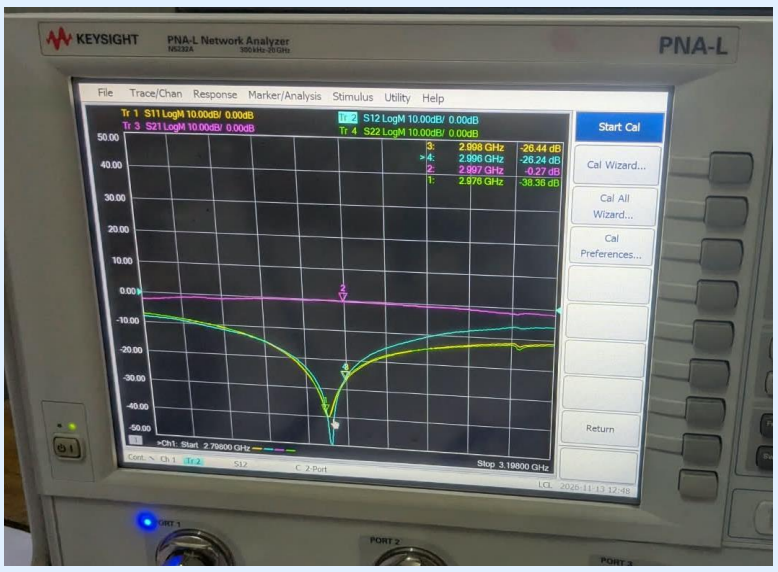
S-Band 3.1 MW 3-Port Circulator

"Innovative Solutions for a Connected Future"





Circulator is a ferrite based passive non-reciprocal device in which the RF wave entering at a port is transmitted to the next port but not in vice-versa. Circulator is required in high power microwave systems, to protect the high power source from reflected power.

Key Features

- Compact
- Rugged
- Low insertion loss and high isolation
- Low Reflection
- Reliable
- Long Life

Specifications	Value
Centre frequency	2998/2856 MHz
Return loss	≥26 dB
Insertion loss	≤0.25 dB
Isolation	≥26 dB
Bandwidth	± 15 MHz
Peak Power	3.1 MW

Applications

- Industrial or Medical LINAC system
- RADAR systems
- High Power Microwave System

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