

Ferrite Devices

OIS-34-H

Model OIS-34-H is a WR-34 waveguide junction isolator that covers the frequency range of 22 to 33GHz.

The full band isolator is designed and manufactured to provide a low insertion loss of 0.45dB typical with good flatness.

The isolator also offers a moderate isolation of 19dB for system integration and a high power handling.

The input and output ports are WR-34 waveguides with UG-1530/U flanges.

Features

- Low Insertion Loss
- Moderate Isolation
- Compact Configuration

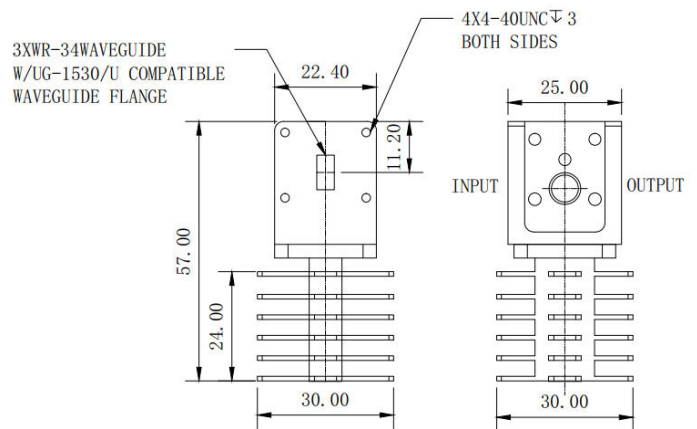
Applications

- Port Isolation
- Module Integration

Electrical Specifications

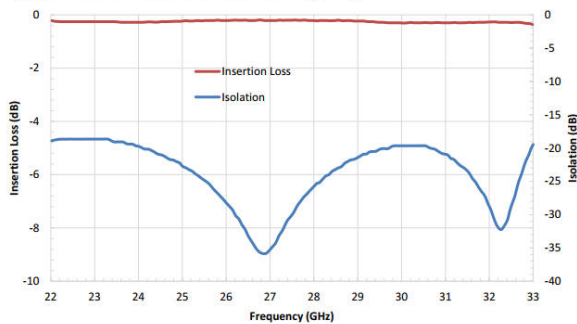
RF Frequency Range(GHz)	22-33
Insertion Loss(dB)	0.45
Isolation(dB)	19
VSWR	1.25:1
Forward Power Handling(W)	25
Reverse Power Handling(W)	10
Specification Temperature	+25 °C
Operating Temperature	-25 °C~+60 °C

PRODUCT DIMENSIONS



Test

Typical Insertion Loss and Isolation vs. Frequency



Typical VSWR vs. Frequency

