

Ferrite Devices

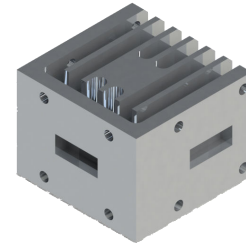
OIS-640660-08-18-15

Model OIS-640660-08-18-15 is a V band waveguide junction isolator that covers the frequency range of 64 to 66GHz.

Compared with a Faraday isolator, the waveguide junction isolator offers a lower insertion loss of 0.8 dB nominal and a much shorter insertion length for system integration.

As a tradeoff, the waveguide junction isolator only offers a typical isolation of 18 dB.

The input and output ports are WR-15 waveguides with UG-385/U flanges.



Features

- Low Insertion Loss
- Moderate Isolation
- Compact Configuration

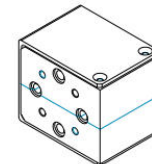
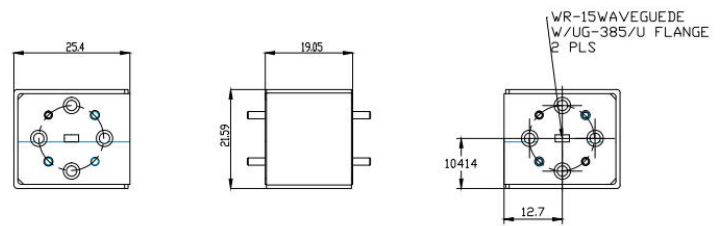
Applications

- Port Isolation
- Module Integration

Electrical Specifications

RF Frequency Range(GHz)	64-66
Insertion Loss(dB)	0.8
Isolation(dB)	18
VSWR	1.4:1
Forward Power Handling(W)	2(CW)
Reverse Power Handling(W)	0.5(CW)
Specification Temperature	+25 °C
Operating Temperature	-45 °C~+85 °C

PRODUCT DIMENSIONS



Test

Typical Insertion Loss, Isolation and Return Loss vs. Frequency

