

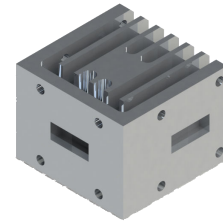
Ferrite Devices

OIS-540560-10-16-15

Model OIS-540560-10-16-15 is a V band waveguide junction isolator that covers the frequency range of 54 to 56GHz.

Compared with a Faraday isolator, the waveguide junction isolator offers a lower insertion loss of 1.0 dB nominal and a much shorter insertion length for system integration.

As a tradeoff, the waveguide junction isolator only offers a typical isolation of 16 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)	54-56
Insertion Loss(dB)	1.0
Isolation(dB)	16
VSWR	1.4:1
Forward Power Handling(W)	2(CW)
Reverse Power Handling(W)	0.5(CW)

PRODUCT DIMENSIONS

