

Waveguide Junction Isolator

60-62GHz/0.5dB,Insertion Loss/15dB,Isolation

Model: TLJI-060062-12

The TLJI-060062-12 is a waveguide junction isolator that operates from 60 to 62 GHz. The isolator offers 15 dB minimum isolation and 0.5dB maximum insertion loss. The input and output ports are WR-12 waveguides.

Features:

- Frequency range: 60-62GHz
- High Isolation
- Compact Form Factor
- Resistant to Stray Magnetic Fields

Applications:

- Test Lab
- Sub-assemblies
- Test Instrumentations

Electrical Characteristics:

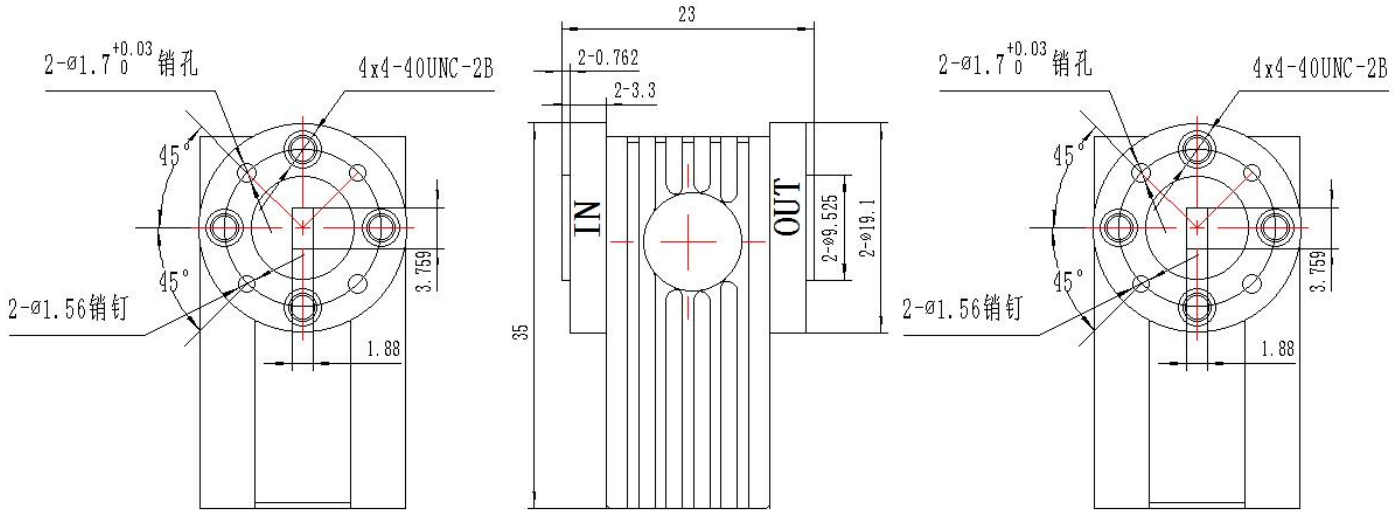
Parameter	Min	Typ	Max	Units
Frequency range	60		62	GHz
Insertion Loss			0.5	dB
Isolation	15			dB
VSWR			1.4	:1
Power Handling		10		W

Mechanical Specifications:

Parameter	Value	Units
Operating Temperature	-40~+70	°C
Input /Output Connector	WR-12/UG-387/U	
Material	Aluminum	
Finish	True color conductive oxidation, spray ice gray paint	

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLJI-060062-12	Waveguide Junction Isolator, 60-62GHz, Insertion loss: 0.5dB, Port Isolation: 15dB	Rev.1.0