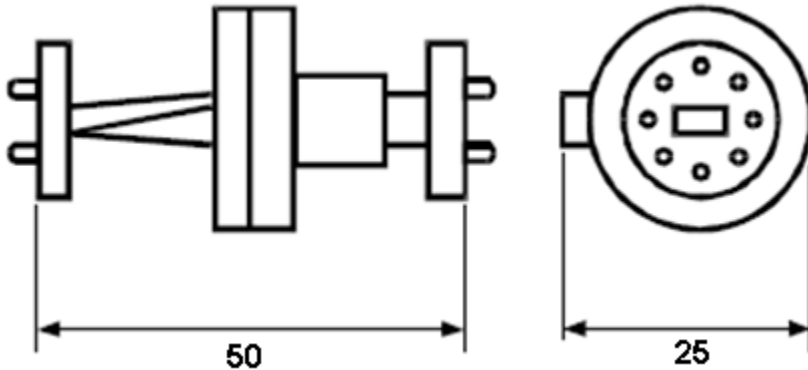


Waveguide Isolator, WR12, 60-90 GHz, Full Band UG387/U Flange, 0.5 Watts, Faraday Style



Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")

Dimensions (w*h) +/- 0.3 mm, (+/- 0.015")

Dimensions (Coax Connector position) +/- 0.3mm, (+/- 0.012")

Dimensions (Microstrip pad, Stripline Tab, Waveguide Slot Position, +/- 0.1mm, (+/- 0.04")

Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

Bend radius 0.8mm, (0.031" or 1/32")

Units: mm
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-60-90-WR12-UG387/U-0.5WR-Faraday**
I=ISOLATOR

Specifications		Units
Frequency	60-90	GHz
Band Width	Full	
Insertion loss	2.0	dB (max)
Isolation	25	dB (min)
VSWR	1.4:1	
Waveguide	WR-15	
Flange	UG387/U	
Power	0.5	Watts
Operating Temperature	0 to 50	°C