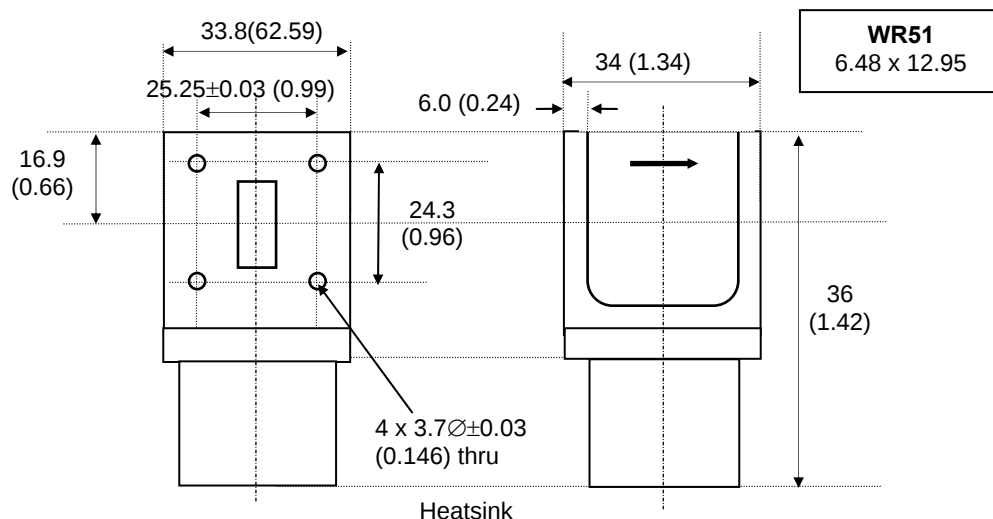


Waveguide Isolator, 16.0-21.2GHz, Split Bands WR51, 0.5-15Watts



Tolerance Table Metric (inch) (unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*t*h) +/- 0.3 mm, (+/- 0.015")
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
Material: Aluminum

Direction of RF:	
R	Default →
L	←

Order Examples: **RADI-16.0-17.0-WR51-15WR-b**
I=ISOLATOR

Specifications				Units
Frequency	16-17	20-22	20.2-21.2	GHz (full band)
Isolation	20	20	23	dB minimum
Insertion loss	0.3	0.3	0.25	dB maximum
Return loss	20.8	20	23	dB minimum
Rated power Forward	15	100	10	Watt minimum
Peak power	20000	100	10	Watt maximum
Rated power Reverse	15	10	0.5	Watt minimum
Pulse length	0.3			μ sec
Duty	0.1%			
Waveguide interface type	WR51	WR51	WR51	
Operating temperature		-30 to +80	-30 to +80	°C
Altitude			to 15,000	feet
Humidity			to 95	%