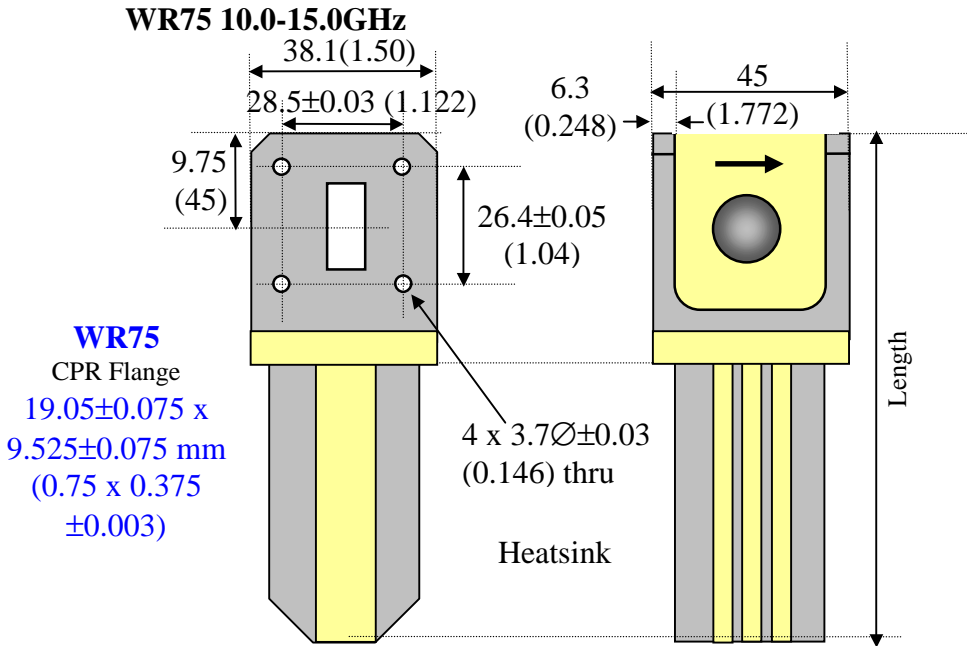


# RADITEK

## WR75 Waveguide Isolator RADI-10-15G-WR75 -1W, -8W, -25W, -40W, -50W (load options)



### Hole Options-X

- 1 8 off 4-40 UNC 2B  
0.17"(4.32) deep
- 2 4 Thru holes  
0.116/.110 dia +/-0.01;
- 3 8 off M3 x 5-6H  
(5 pitch, 6H thread class)  
x 0.280"(7.1) deep
- 4 4 x M3 0.5-6H,  
tapped thru

Units: mm (inches)  
Not to scale

Material: Aluminum

Reverse Power	Length	
	mm	inch
1 W	20	0.79
8 W	45	1.77
25 W	68	2.68
40 W	90	3.54
50 W	100	3.94

### Specifications

Frequency	Units:						GHz
	10-15 5%BW	10.7- 12.75	10.7- 11.5	13.75- 14.5	14-14.5	14.0- 15.0	
Insertion loss	0.2	0.2	0.3	0.3	0.3	0.3	dB maximum
Isolation	25	25	20	20	20	20	dB minimum
VSWR	1.20	1.20	1:22	1.15:1	1.15:1	1:25	
Rev power			1			1	

Operating temperature: -30 to +70°C

Storage temperature: -50 to +105°C

Humidity to 95%

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RADI-10-15G- WR75 (split bands) Specifications may be subject to change

9/25/02