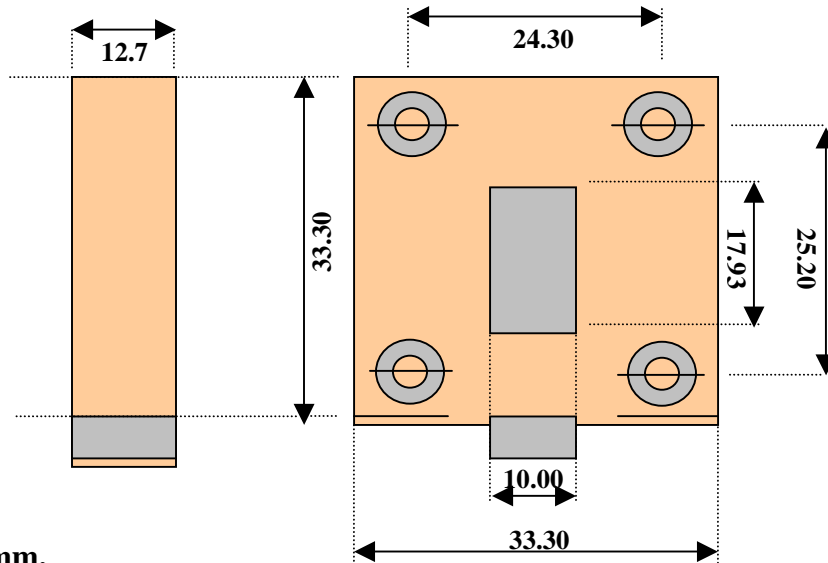


# RADITEK INC.

## Isolator 16.0-17.0GHz-2A-AV RADI-16.0-17.0-WR62-0.5WR

code b

WR62 coverage is 12.4-18.0GHz



**Hole Options-X**  
-2a 4 Thru holes  
3.70

Units: mm.

Tolerance:  $\pm 0.2$  unless otherwise stated.

Material: Silver-plated brass.

Example Part # **RADI-16.0-17.0-WR62-0.5WR-2A-AV**

Specifications:

Frequency	16.0-17.0	GHz
Waveguide Size	WR62	
No. of Ports	2	
Power (Peak/CW)	1W / 0.5mW	
Power Return to Load (Peak / Average)	0.1W / 0.05mW	
Insertion loss	0.2	dB max. (ud 11-16-04)
Isolation	20	dB min.
VSWR (in/out)	1.2	max.
Load Return VSWR	1.2	max.
Amp. Distortion (Over Freq. & Temp.)	$\pm 0.15$	dB
Phase Distortion (Over Freq. & Temp.)	$\pm 5$	Deg.
Reliability	10,000	hours MTBF
Life	10 years	$10^6$ revolutions
Operating Temperature	-25 to + 70	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$
Vibration	4.3	g rms (100 to 2000 Hz)
Shock	10	g at 11 ms
Humidity	90%	

**RADI-16.0-17.0-WR62-0.5WR-2A-AV** Specifications may be subject to change

11/16/04

WORLD HQ: 1702H Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com, E-mail: sales@raditek.com