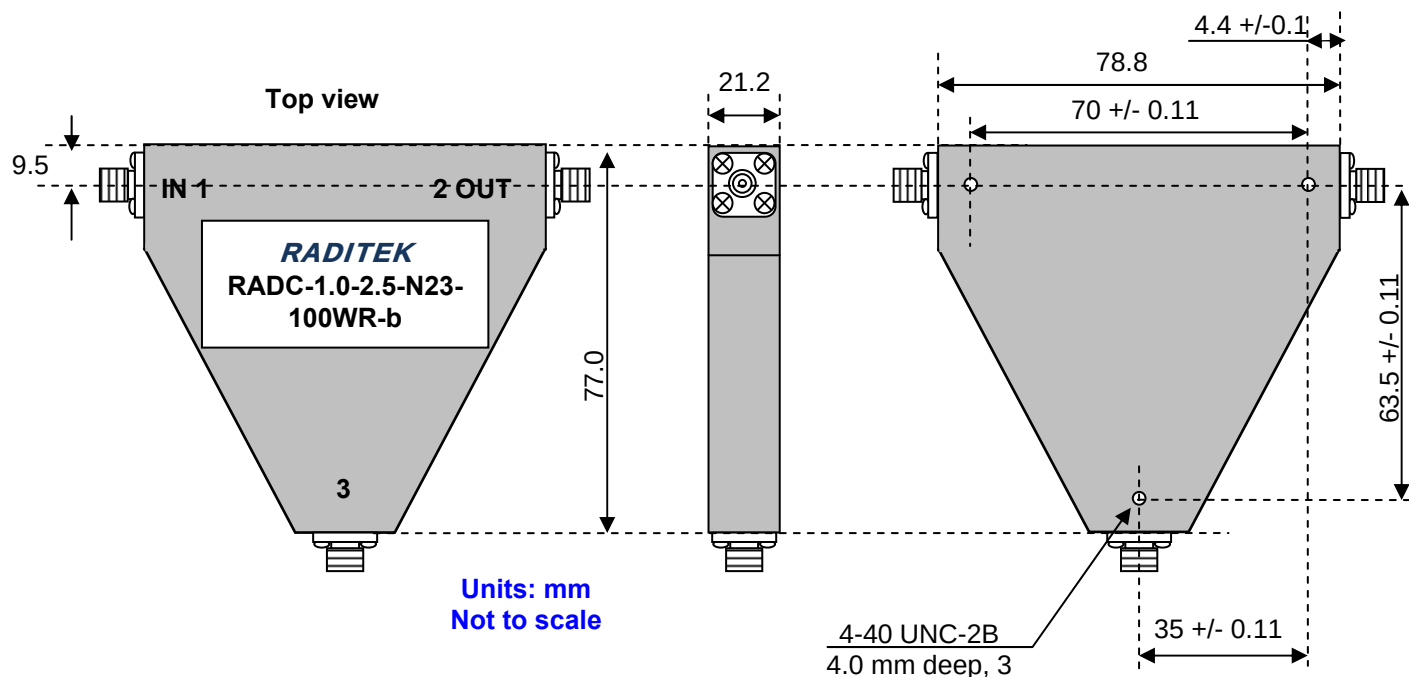


Coaxial Circulator, 1.0-2.5GHz, N-Type or SMA Connectors, 50 or 100 Watts Average Power



Direction of RF:	
R	Default
L	

Order Examples: RAD**C**-1.0-2.5-N23-100WR
C=CIRCULATOR



N / SMA Connector options (X)			
Circulator			
Port 1	Port 2	Port 3 Male	Port 3 Female
Female	Male	-11	-21
Male	Female	-12	-22
Female	Female	-13	-23
Male	Male	-14	-24

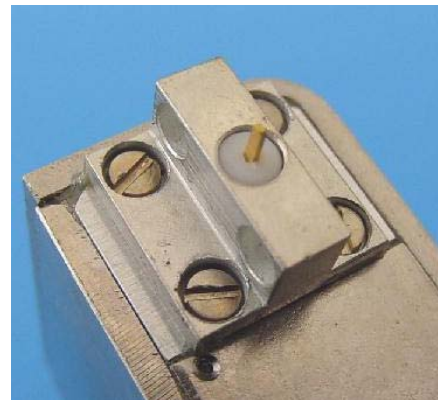
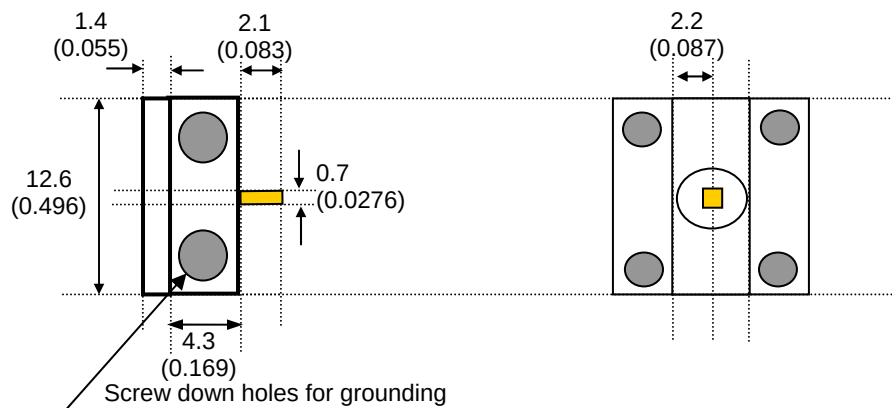
Specifications:

Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Rev Power Watts (Avg.)	Fwd Power Watts(Avg.)	Operating Temp °C	Connector
1.0-2.5 (C)	0.9 1.2	14 12	1.55 1.67	100	100	room -10 to +50	N-Type
1.0-2.5 (C)	0.9 1.2	14 12	1.55 1.67	50	50	room -20 to +55	SMA

Insertion loss is 0.8 -0.9 dB in frequency range 1.0-1.2 GHz and 2.3-2.5 GHz
In frequency range 1.2 - 2.3 GHz Insertion loss will be 0.5-0.6 dB (preliminary)
All Devices to be mounted on Heatsink or Forced Air Cooled)

Coaxial Circulator, 1.0-2.5GHz, N-Type or SMA Connectors, 50 or 100 Watts Average Power

B4 Connector Option



Alternative connector option (B4), so unit can be used as a "drop in."
Note the screw down holes must clamp the grounding surface together.

1. Distance from the top and bottom to any ferromagnetic substance (i.e. steel kovar or other magnet) including another Isolator or Circulator is >30mm
2. Distance from the sides >10mm