

# RADITEK INC

**800MHz-2.0GHz Isolator or Circulator**

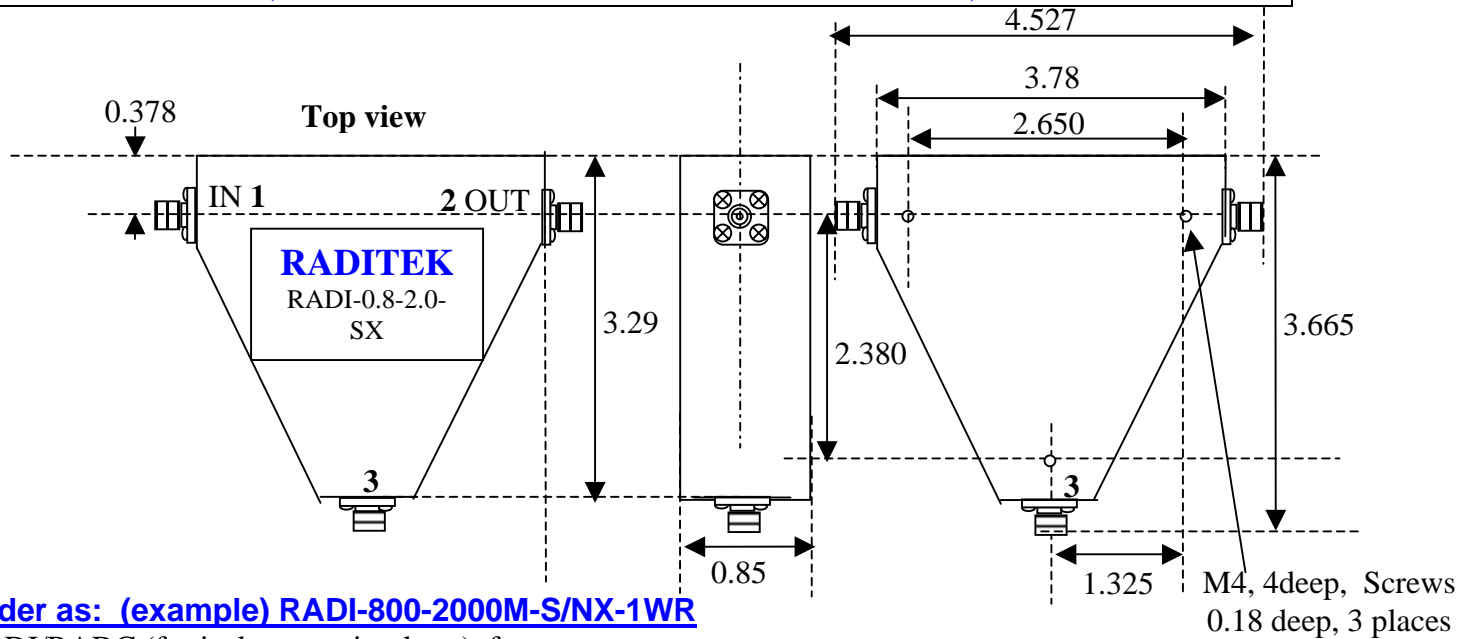
**RADI-800-2000M-S/N3-1WR**

options at 5,10w reverse power are available

**RADC-800-2000M-S/N23-100/10WR**

100W Forward Power / Reflected Power should not exceed 10W

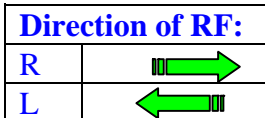
(also 900M-2145M and 960-2000M available)



**Order as: (example) RADI-800-2000M-S/NX-1WR**

RADI/RADC (for isolator or circulator), frequency, connector, power, direction, options.

Units: Inches (not to scale)



		Iso	Circ	Circ
Port 1	Port 2	Port 3	Port 3	Port 3
female	male	male	male	female
-1	-2	-11	-12	-21
-3	-4	-13	-14	-23
-5	-6	-15	-16	-24

**Specifications:**

Frequency	800 to 2000	960 to 2145	960 to 2000	MHz
Insertion loss	1.2 <sup>1</sup>	1.2	0.8	dB (maximum)
Isolation	10	12	15	dB (minimum)
Return loss	10	12	14 (1:1.5 VSWR)	dB Maximum
Forward Power	100	100	100	Watts
Load power	1	1	20W	Watts (average) 20W Connectorized load
Operating temperature	0 to 50	0 to 50	0 to 50	°C (55° C maximum)

<sup>1</sup> At 0°C 800-850MHz Insertion loss is 1.6dB max 1.2dB typical

**RADI-800-2000M-S/NX**

**Specifications may be subject to change**

**02/09/05**

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](http://www.raditek.com), E-mail: [sales@raditek.com](mailto:sales@raditek.com)

