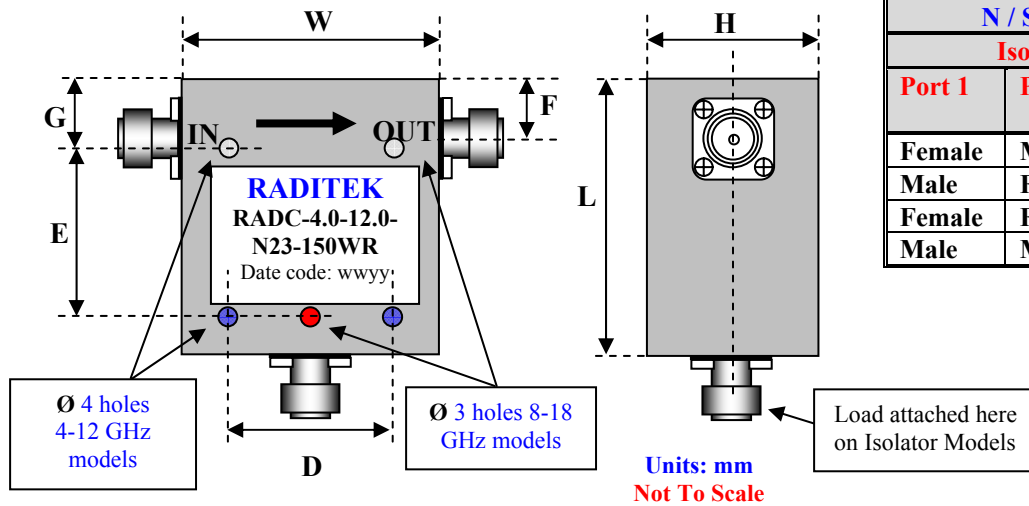


RADITEK INC. Octave Plus High Power

Isolators and Circulators, Coaxial SMA/N

RADC-Flow-Fhigh-NX-150W / RADI Flow-Fhigh-SX-1W

ROHS Compliant code-b



N / SMA Connector options (X)				
Isolator		Circulator		
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24



Octave+ Bands GHz	W	L	H	D	E	F	G	Ø	
2.0-6.0 *	56	52	23	tba	tba	tba	tba	tba	tba
4.0-12.0	45.8	45.2	24.4	35	25.5	15.5	14.8	M3	4 HOLE
8.0-18.0	34.6	37.1	22.3	25	20	13.8	12.3	M3	3 HOLE

Tolerance (unless otherwise stated):

Hole diameter	±0.004
Dimensions	±0.015
Machined surfaces	63√
Flatness	±0.001/inch
Bend radius	1/32 inch

Order Examples: RADC-4.0-12.0-N23-150WR
I=ISOLATOR / C=CIRCULATOR

Direction of RF:

R	Default	▶
L		◀

Specifications:	2.0-6.0*	4.0-12.0**	8.0-18.0	GHz
Room Temp/Over Temp	RT/OT	RT/OT	RT/OT	
Insertion loss	1.0/1.2	1.2/1.3	0.8/0.9	dB (maximum)
Isolation	13/12	13/12	14/13	dB (minimum)
VSWR (input and output)	1.60/1.70	1.60/1.70	1.55/1.60	:1
Rated power (forward) {reverse also if circulator}	-	150	150	Watts (average)
Rated power (reverse) {power in load Isolator Only }	200	1 or 2	1 or 2	Watts (average)
Operating temperature	-30~+70	-40~+70	-40~+70	°C

* These Isolator specifications are preliminary and dimensions are approximate

** Isolator model available with 150W Connectorized Load (Load Dimensions 152x55x26.5mm)

RADCorI-Octave-Plus-HP Generic-b

Specifications may be subject to change

02/07/08

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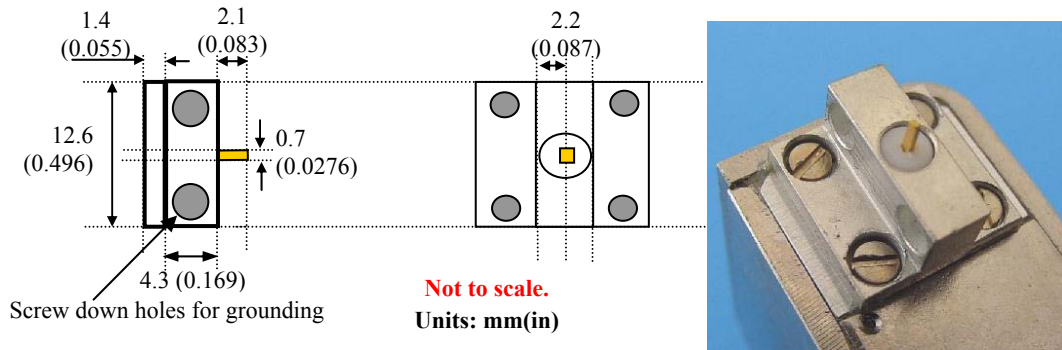
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B4 Connector Option to 3GHz



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