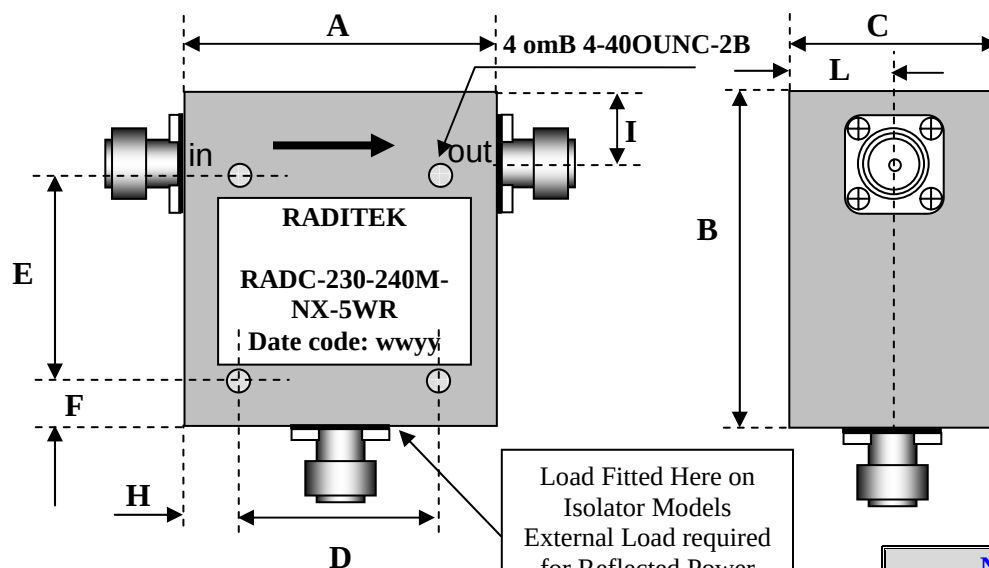


Coaxial Isolator or Circulator, 225-480MHz SMA or N-Type Connectors, 5 to 400 Watts



Tolerance (unless otherwise stated):
Hole diameter +/- 0.004
Dimensions +/- 0.015
Machined surfaces 63
Flatness 0.001/inch
Bend radius 1/32 inch

Direction of RF:		
R	Default	
L		

Units: mm
Not to scale

Order Examples: RAD**C**-F1-F2M-NX-5WR
I=ISOLATOR / C=CIRCULATOR

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

Size#	A	B	C	D	E	F	H	I	L	
1	55	55	25	tba	tba	tba	tba	tba	tba	mm
2	60	52	22	tba	tba	tba	tba	tba	tba	mm
3	60	60	25	tba	tba	tba	tba	tba	tba	mm
4	69	75	31.5	tba	tba	tba	tba	tba	tba	mm
5	75	75	25	tba	tba	tba	tba	tba	tba	mm
6	77	77	24.5	tba	tba	tba	tba	tba	tba	mm
7	77	80	24.4	tba	tba	tba	tba	tba	tba	mm
8	100	100	28.0	tba	tba	tba	tba	tba	tba	mm

Size #	Specifications: Frequency MHz	BW	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp Range °C	Connector
6	225-290	Full	0.5	18	1.30	200 500W Peak	200 500W Peak	-10 to +50	N-Type
3	225-300	Full	0.6	17	1.35	400	400	-10 to +50	N-Type
8	225-320	Full	0.7	17	1.40	200	200	-10 to +50	N-Type
1	230-240	Full	0.5	20	1.25	5	5	-10 to +50	N-Type
3	230-240	Full	0.5	20	1.25	50	50	-10 to +50	N-Type
5	230-240	Full	0.5	20	1.25	100	100	-10 to +50	N-Type
2	230-290	Full	0.8 1.0	17 15	1.5 1.6	50	50	+25 -10 to +60	SMA

RADCorI-225-480M-S(N)-5-400W-Generic-b Specifications may be subject to change

07/10/07

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

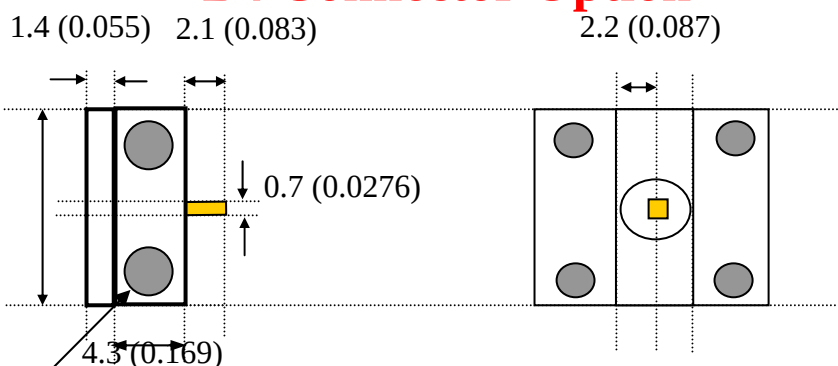
Telephone: (408) 266-7404 FAX: (408) 266-4483

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

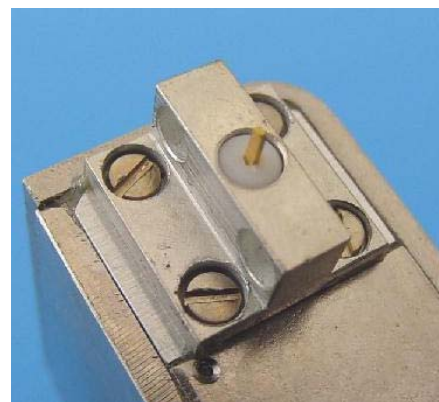
Coaxial Isolator or Circulator, 225-480MHz SMA or N-Type Connectors, 5 to 400 Watts

Size #	Specifications: Frequency MHz	BW	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp Range °C	Connector
4	240-320	Full	0.5	17	1.30	320	320	-10 to +50	N-Type
7	240-260	Full	0.3 0.4	20 18	1.25 1.30	300 1200W Peak	300 1200W Peak	+25 -5 to +55	N or TNC
6	290-390	Full	0.5	18	1.30	200 500W Peak	200 500W Peak	-10 to +50	N-Type
8	320-475	Full	0.7	17	1.40	200	200	-10 to +50	N-Type
6	390-480	Full	0.5	18	1.30	200 500W Peak	200 500W Peak	-10 to +50	N-Type

B4 Connector Option



Screw down holes for grounding



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