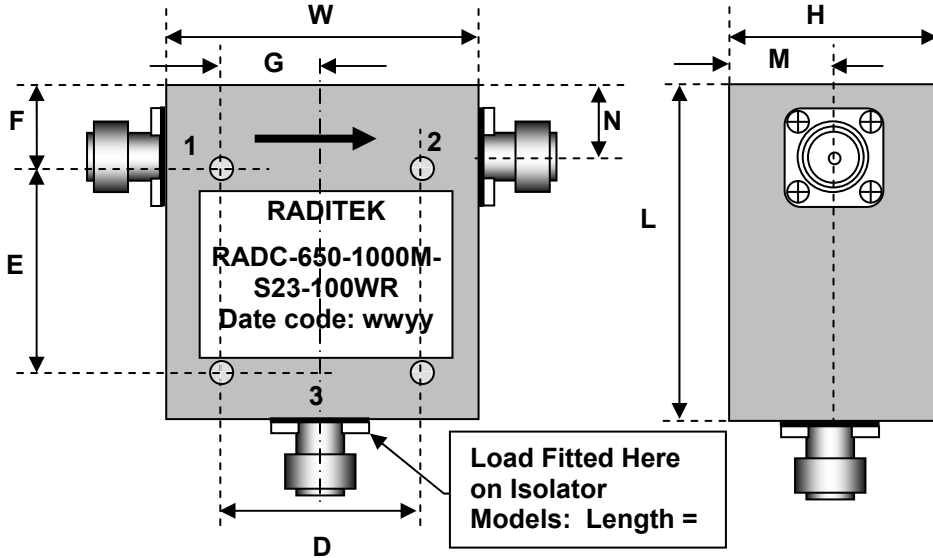


Coaxial Isolator or Circulator, 650-1000MHz (split band) SMA or N-Type Connector, 1, 2, 5, 10, 50, 100Watts Isolator, 1, 30, 100, 250Watts Circulator



Tolerance Table Metric (inch)

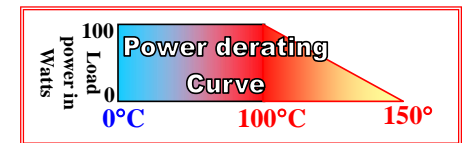
(unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Coax Connector position) +/- 0.3mm, (+/- 0.012")
Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Units: mm
Not to scale



Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADC-650-1000M-S23-100WR
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#	W	L	H	D	E	F	G	N	M	Hole
1-Circ, Isol	54.5	56.5	20.5	tba	tba	tba	tba	tba	tba	mm
1-Isol	54.5	64.0	20.5	tba	tba	tba	tba	tba	tba	mm
2-Circ, Isol	48.5	53.5	20.8	36.5±0.11	36.5±0.11	11.3	18.25±0.11	14.2	10.75	mm
3-Circ	48.5	53.5	21.5	36.5±0.07	38.4±0.07	11.3	18.25±0.07	14.2	10.75	M3-6Hx5 mm
3-Isol	48.5	70.0	21.5	tba	tba	tba	tba	tba	tba	mm
4-Circ	48.5	53.8	21.5	tba	tba	tba	tba	tba	tba	mm
5-Isol	48.5	69.0	21.5	36.5	36.5	10.5	18.5	14.5	10.75	mm
6-Circ	48.5	53.5	20.5	tba	tba	tba	tba	tba	tba	mm
7-Circ, Isol	48.5	53.5	21.5	tba	tba	tba	tba	tba	tba	mm
8-Isol	48.5	69.0	20.8	tba	tba	tba	tba	tba	tba	mm

Size#	Specifications: Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Connector
3-Circ	650-860	0.5	18	1.3	100		-10 to +60	SMA
1-Isol	650-950	0.7	14	1.55	5	5	-10 to +50	SMA
2-Cir	698-960	0.7	17	1.35	40	40	-10 to +60	SMA
1-Circ	650-1000	0.7 1.0	14 13	1.55 1.60	1	1	+25 -10 to +70	SMA

RADCorI-650-1000-S(N)-5-10-125WR-Generic-b

Specifications may be subject to change

04/04/12

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

Tel: (408) 266-7404

FAX: (408) 266-4483

WEB: www.raditek.com

E-mail: sales@raditek.com

Coaxial Isolator or Circulator, 650-1000MHz (split band)
SMA or N-Type Connector,
1, 2, 5, 10, 50, 100Watts Isolator, 1, 30, 100, 250Watts Circulator

Size#	Specifications: Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Connecto r
2-Isol	650-1000	0.7	14	1.55	10	1	-10 to +60	SMA
1-Circ	650-1000	0.7 1.0	14 13	1.55 1.60	100	50, 100	+25 -60 to +85	SMA
1-Isol	650-1000	0.7 1.0	14 13	1.55 1.60	10	2 or 5	+25 -60 to +85	SMA
2-Isol	650-1000	0.7 1.0	14 13	1.55 1.60	10	2 or 5	+25 -60 to +85	SMA
2-Circ	650-1000	0.8 1.0	14 13	1.60 1.67	100	100	room -10 to +70	N-Type
3-Circ	650-1000	0.7 1.0	14 13	1.60 1.67	100	100	+25 -10 to +70	N-Type
3-Isol	650-1000	0.7 0.9	14 13	1.4 1.6	10	10	+25 -10 to +70	N-Type
4-Circ	650-1000	0.7 1.0	14 13	1.55 1.65	30	30	room -45 to +85	SMA
3-Iso	650-1000	0.7 1.0	14 13	1.55 1.65	200	50	room -30 to +70	N-Type
5-Isol	650-1000	0.7 1.0	14 13	1.55 1.60	200	100	+25 -30 to +70	N-Type
6-Circ	650-1000	0.7 0.8	14 13	1.55 1.60	100		room -10 to +70	SMA
7-Circ	650-1000	0.7	14	1.55	4	4	0 to +50	SMA
7-Isol	650-1000	0.7 1.0	14 13	1.55 1.30	1	1	room -30 to +70	SMA
8-Isol	690-710	0.25	23	1.15	250	100	0 to +50	SMA
2-Circ	690-710	0.25	23	1.15	250		0 to +50	SMA
2-Circ	700-1000	0.7 1.0	14 13	1.50 1.55	5		room -30 to +85	SMA
2-Circ	700-1000	0.6 1.0	15 14	1.50 1.60	50	10	room -40 to +80	PIN option