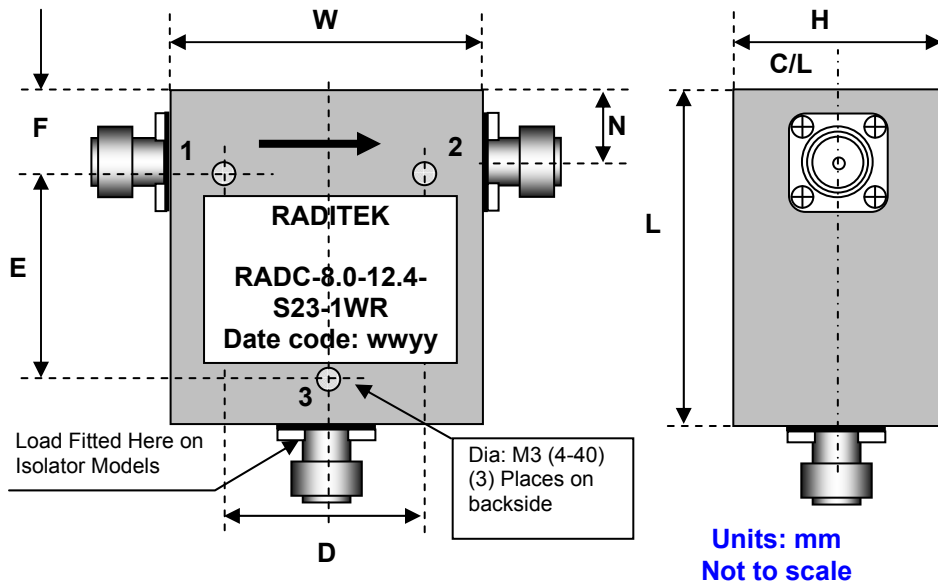
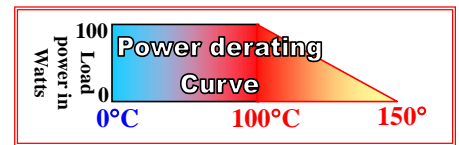


Coaxial Isolator or Circulator, 6.6-15.0 GHz, Split Bands SMA / N / TNC Type Connectors

1W, 2W, 10W, 12.5W, 20W, 30W, 40W, 50W, 60W, 75W or 100Watts



Metric Tolerance (unless otherwise stated):
 Hole diameter +/- 0.1mm
 Dimensions (w*h) +/- 0.3 mm
 Dimensions (Coax Connector position) +/- 0.3mm
Machined surfaces
 Flatness 0.025/mm
 Bend radius 0.8mm



Units: mm
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-8.0-12.4-S23-1WR**
I=ISOLATOR / C=CIRCULATOR

TNC/ 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	N	
1	21.3	24.7	15.2	15.0	14.5	6.8	6.8	mm
2	21.3	24.7	15.0	tba	tba	tba	tba	mm
3	21.3	40	15.2	tba	tba	tba	tba	mm
4	21.3	50	15.2	tba	tba	tba	tba	mm
5	21.3	35	15.2	tba	tba	tba	tba	mm
6	21.3	60	15	tba	tba	tba	tba	mm
7	21.3	30	15.2	tba	tba	tba	tba	mm
8	34.8	65	19	9.5	tba	tba	12.7	mm
9	21.2	24.7	15.2	tba	tba	tba	tba	mm
10	34.6	70	22.3	tba	tba	tba	tba	mm
11	34.6	37.2	22	tba	tba	tba	tba	mm
12	34.6	80.0	22.3	tba	tba	tba	tba	mm
13	34.8	70.0	22.0	tba	tba	tba	tba	mm
14	34.8	60.0	19.0	tba	tba	tba	tba	mm
15	34.6	60.0	22.3	tba	tba	tba	tba	mm
16	21.4	40.0	15.2	tba	tba	tba	tba	mm
17	34.8	65.0	19.0	tba	tba	tba	tba	mm
18	34.8	37.2	22.0	tba	tba	tba	tba	mm



Coaxial Isolator or Circulator, 6.6-15.0 GHz, Split Bands SMA / N / TNC Type Connectors

1W, 2W, 10W, 12.5W, 20W, 30W, 40W, 50W, 60W, 75W or 100Watts

Size#	Specifications: Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Power Fwd Watts	Power Rev Watts	Power Pk Watts	Temp °C	Connector
1	6.6-10.6	0.4 0.6	20 16	1.25:1 1.40:1	1	1		+25 -60 to +85	SMA or N
1-Isol	7.0-9.0	0.3 0.4	22 20	1.20:1 1.25:1	1	1		room -10 to +70	SMA
1	7.0-12.4	0.4 0.6	20 16	1.25:1 1.40:1	1	1		+25 -60 to +85	SMA or N
1	7.0-12.4	0.4 0.5	20 17	1.25:1 1.35:1	1	1		+25 -10 to +60	SMA
1-Isol	7-10	0.4	20	1.25:1	1	1		0 to +70	SMA
1-Isol	7.0-10.0	0.4 0.5	20 19	1.25:1 1.30:1	4	1	8	+25 -15 to +60	SMA
8-Isol	*7.0-11.0	0.5	18	1.30:1	50	50	120	-10 to +60	N-Type
1-Circ	7.05-10.0	0.4 0.5	20 18	1.25:1 1.30:1	1	1		room -10 to +70	SMA
1	7.125-7.525	0.4	20	1.25:1	20	20		-10 to +70	SMA
1-Circ	7.5-8.5	0.4	20	1.25:1	40			-10 to +60	SMA
7-Isol	7.5-9.0	0.2	20	1.25:1	10	10		-10 to +60	SMA
2	7.9-8.4	0.4	23	1.15:1	tba	2		-10 to +70	N
3-Isol	7.9-8.4*	0.4	20	1.25:1	30	30		-10 to +60	N
14-Isol	7.9-8.4*	0.4	20	1.25:1	100	60		-10 to +50	N-Type
1	7.9-8.5	0.4	20	1.25:1	20	20		-10 to +70	SMA
1-Circ	8.0-11.0	0.4 0.5	20 19	1.25:1 1.30:1	50			room -20 to +70	SMA
1-Circ	8.0-11.0	0.4 0.5	20 19	1.25:1 1.30:1	50		120	room -20 to +70	SMA
1-Circ	8.0-11.0	0.4 0.5	20 18	1.25:1 1.30:1	50	30		room -30 to +60	SMA
6-Isol	8.0-11.0	0.4 0.6	20 18	1.25:1 1.30:1	10	10		room -10 to +70	SMA
3-Isol*	8.0-11.0	0.4 0.5	20 18	1.25:1 1.30:1	30	30		room -30 to +60	SMA
10-Isol	8.0-11.0	0.5	18	1.3:1	50	50		-10 to +70	N-Type
13-Isol*	8.0-11.0	0.4 0.6	18 17	1.35:1 1.40:1	50	50		room -10 to +60	N-Type
1	8.0-12.0	0.4 0.5	20 18	1.25:1 1.30:1	2 or 10	2 or 10		+25 -40 to +85	SMA or N
1	8.0-12.0	0.4 0.5	20 18	1.25:1 1.30:1	10	10		room -30 to +85	SMA
3	8.0-12.4	0.5	18	1.30:1	3 (100W Peak)	3		-20 to +85	SMA
4-Isol	8.0-12.4	0.4 0.5	19 18	1.25:1 1.30:1	35	35	65	room -10 to +50	SMA
1	8.0-12.4	0.4 0.5	20 18	1.25:1 1.30:1	1	1		+25 -60 to +85	SMA or N
4-Isol	8.4-10.2	0.4 0.5	20 18	1.25:1 1.30:1	30	30	350	room -10 to +50	SMA
1-Circ	8.4-10.2	0.4 0.5	20 18	1.25:1 1.30:1	30			room -30 to +60	SMA
1-Circ	8.4-10.2	0.4 0.5	20 18	1.25:1 1.30:1	50			room -30 to +60	SMA

Coaxial Isolator or Circulator, 6.6-15.0 GHz, Split Bands SMA / N / TNC Type Connectors 1W, 2W, 10W, 12.5W, 20W, 30W, 40W, 50W, 60W, 75W or 100Watts

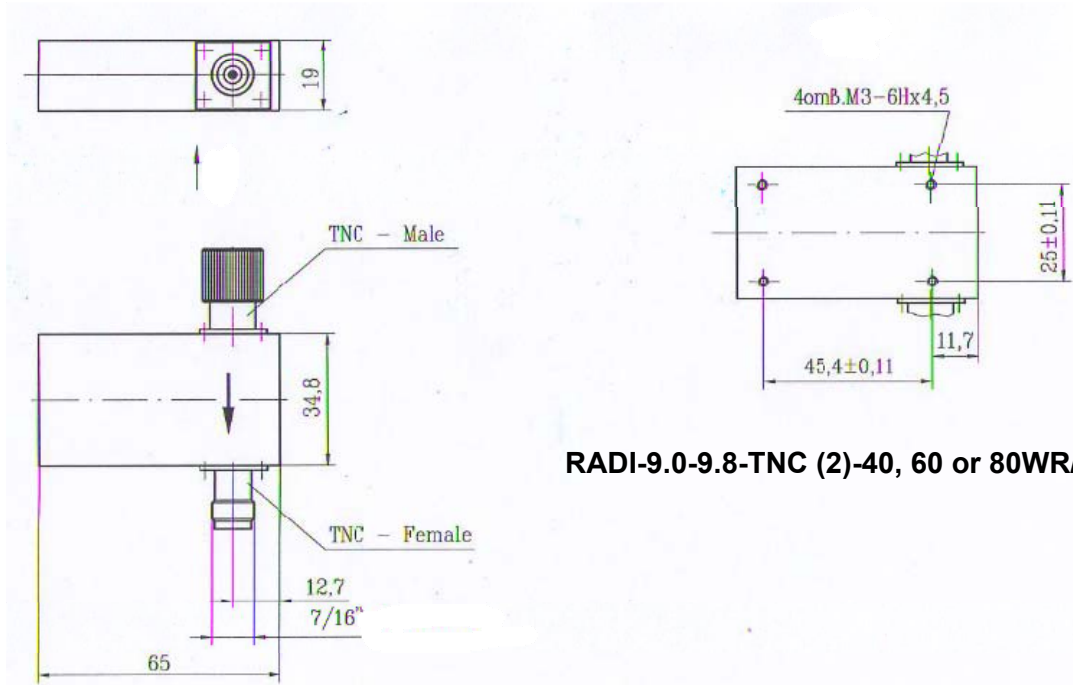
Size#	Specifications: Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Power Fwd Watts	Power Rev Watts	Power Pk Watts	Temp °C	Connector
3-Isol	8.4-10.2*	0.4 0.5	20 18	1.25:1 1.30:1		30		room -30 to +60	SMA
1-Isol	8.5-9.5	0.4	20	1.25:1		0.5	50 (1% duty cycle, 1.6us)	-10 to +50	SMA
18-Circ	8.5-9.6	0.4	20	1.25:1	75		300	-10 to +50	N-Type
13-Isol	8.5-9.6	0.4	20	1.25:1	75	50	300	-10 to +50	N-Type
17-Isol	8.5-10.0	0.4 0.5	20 18	1.25:1 1.30:1		60 Ave	600 (10% duty cycle, Pulse 20us)	room -10 to +60	N-Type
5-Isol	8.5-10.5	0.5 0.6	20 18	1.25:1 1.30:1		10		room -40 to +85	SMA
1	8.8-10.4	0.4 0.5	20 18	1.25:1 1.30:1	2 or 10	2 or 10		+25 -40 to +85	SMA or N
1-Circ	8.91-9.91	0.4	20	1.25:1	20			-30 to +70	SMA
1-Circ	9.0-9.5	0.4	20	1.20:1	50 (100W Peak)			-40 to +70	N-Type
17-Isol	9.0-9.5	0.5 0.6	20 18	1.25:0 1.30:1		100	500	room -40 to +85	N-Type
3-Isol	9.0-9.6	0.5	20	1.25:1		12.5	250 (5% duty cycle, 20us pulse width)	-30 to +60	N-Type
3-Isol	9.0-9.6	0.5	20	1.25:1		25	120 (10% duty cycle, 20us pulse width)	-30 to +60	SMA
13-Isol*	9.0-9.6	0.4 0.5	20 18	1.25:1 1.30:1	50	50		room -10 to +60	N-type
1-Circ	9.0-9.8	0.4 0.5	20 18	1.25:1 1.30:1	30 Average		300	room -40 to +85	SMA
11-Circ	9.0-9.8	0.5	20	1.25:1	60			-10 to +60	N-Type
11-Circ	9.0-9.8	0.5	20	1.25:1	60		300	0 to +50	N-Type
8-Isol*	9.0-9.8	0.6 0.7	20 18	1.25:1 1.30:1		40, 60	300 or 400	-10 to +60 -40 to +80	N-Type or TNC
12-Isol*	9.0-9.8	0.6 0.7	20 18	1.25:1 1.30:1		80	400	-10 to +60 -40 to +60	TNC
16-Isol	9.0-9.8	0.4 0.5	20 18	1.25:1 1.30:1		30 Average	300	room -40 to +85	SMA
15-Isol	9.0-9.8	0.5 0.6	20 18	1.25:1 1.30:1		60	300	room -40 to +85	N Type
17-Isol	9-10	0.4 0.5	20 18	1.25:1 1.30:1	100	20		room -10 to +60	N Type
3-Isol	9.0-10.0	0.4	20	1.25:1	10	10	100	-20 to +60	SMA
1-Isol	9.1-9.7	0.4	20	1.25:1	1	1	10	-10 to +60	SMA
1-Isol	9.3-9.5	0.4	20	1.25:1	50	10		-10 to +60	SMA
1-Circ	9.3-9.7	0.3 0.4	25 20	1.12:1 1.25:1	10		50	room -30 to +80	SMA
4	9.3-10.0	0.4	18	1.30:1	10	10		-10 to +60	SMA
14-Isol*	9.3-10.0	0.5	20	1.25:1		50	200 (25% duty cycle, 100us pulse width)	0 to +50	N-Type

Coaxial Isolator or Circulator, 6.6-15.0 GHz, Split Bands SMA / N / TNC Type Connectors

1W, 2W, 10W, 12.5W, 20W, 30W, 40W, 50W, 60W, 75W or 100Watts

Size#	Specifications: Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Power Fwd Watts	Power Rev Watts	Power Pk Watts	Temp °C	Connector
14-Isol*	9.3-10.0	0.5	20	1.25:1		100	400 (25% duty cycle, 100us pulse width)	0 to +50	N-Type
1-Circ	9.35-9.85	0.4	20	1.25:1	15		40	-30 to +70	SMA
1-Isol	9.35-9.95	0.25	20	1.22:1	1	1		0 to +60	SMA
1-Isol	9.45-10.25	0.4 0.4	22 20	1.20:1 1.25:1	10	10		+25 -20 to +70	SMA
4-Isol*	9.50-10.0	0.4	20	1.25:1	37	37	750	-10 to +60	SMA
1-Isol	10-14	0.5	20	1.25:1	1	1		0 to +70	SMA
1	10-15	0.4 0.5	20 18	1.25:1 1.30:1	1	1		room -10 to +70	SMA
1-Isol	10.5-12.5	0.4 0.5	20 19	1.25:1 1.30:1	5	1		room -10 to +70	SMA

***To be mounted on the heatsink**



RADI-9.0-9.8-TNC (2)-40, 60 or 80WR/400W Pk-b