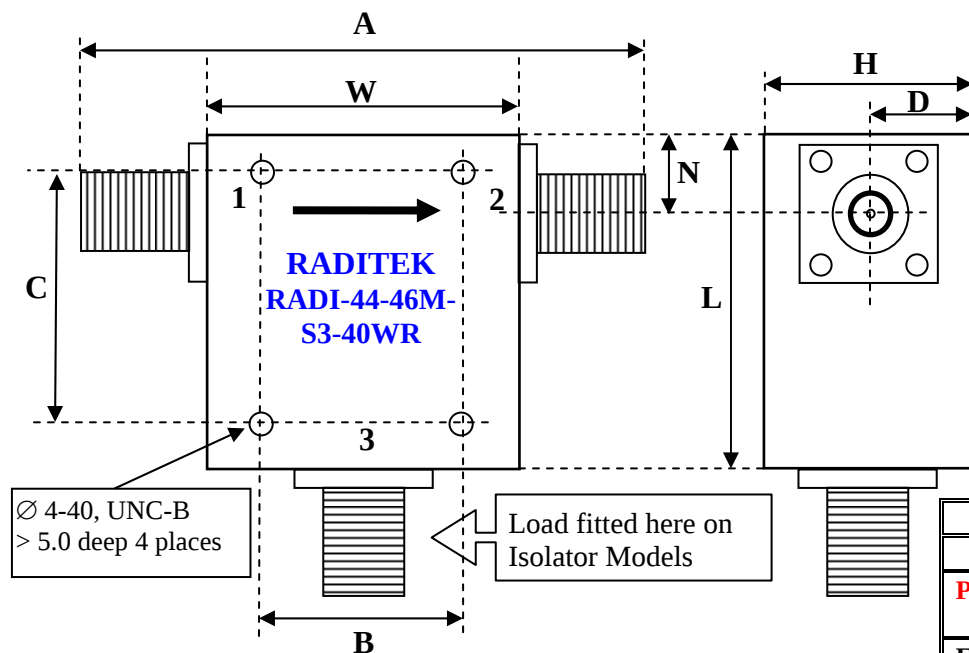


Isolators or Circulators, 42-102MHz, N-Type or SMA Connectors 25W / 40W / 50W / 100 / 125W / 250W / 500W



Tolerance (unless stated otherwise):

Hole diameter ± 0.004
 Dimenesions ± 0.015
 Machined surfaces $63\sqrt{\text{ }}$
 Flatness $\pm 0.001/\text{inch}$
 Bend radius $1/32 \text{ inch}$

Direction of RF:	
R	Default 
L	

Units: mm
 Not to scale.

Order Examples: **RADI-F1-F2M-SX-1WR**

I=ISOLATOR / C=CIRCULATOR

SMA/N 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	N	A	B	C	D	
1	68	66	25	10	tba	54+/-0.11	51+/-0.11	12.5	mm
2	80	80	24.5	10	114	68+/-0.11	62+/-0.11	12.0	mm
3	80	80	25	10	tba	68+/-0.11	62+/-0.11	12.0	mm
4	100	100	35	tba	tba	tba	tba	tba	mm
5	120	120	55	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
4	42.7-44.7	Full	1.00	20	1.25	40	40	20 to 30	SMA
1	44-89	30%	1.20	17	1.40	40	40	-10 to +50	SMA
4	44-46	Full	1.00	20	1.25	40	40	20 to 30	SMA
3	44-50	Full	1.20	17	1.40	40	40	0 to +50	SMA
1	50-80	30%	0.8	18	1.25	25	25	-10 to +50	SMA
2	50-80	30%	0.8	18	1.25	100	100	-10 to +50	N-Type
4	50-80	30%	0.8	18	1.25	250	250	-10 to +50	N-Type
5	50-80	30%	0.8	18	1.25	500	500	-10 to +50	N-Type
3	54-60		0.8	18	1.25	40/125	40/125	-10 to +50	SMA
1	55-75	Full	1.2	17	1.40	25	25	-10 to +50	SMA

RADCorI-42-103M-S(N)-25-500W-Generic-b

Specifications may be subject to change

07/10/07

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Isolators or Circulators, 42-102MHz, N-Type or SMA Connectors 25W / 40W / 50W / 100 / 125W / 250W / 500W

Size#	Specifications: Frequency MHz	BW	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp Range °C	Connector
3	60-66		0.8	18	1.25	40 or 125	40 or 125	-10 to +50	SMA
3	66-72		0.8	18	1.25	40 or 125	40 or 125	-10 to +50	SMA
3	72-82		0.8	18	1.25	40 or 125	40 or 125	-10 to +50	SMA
4	72-74	Full	1.00	20	1.25	40	40	20 to 30	SMA
3	75-85		1.2	17	1.30	50	50	-10 to +50	N-Type
3	77-81		0.8	18	1.20	40	40	0 to +50	SMA
3	81.5-90.0		0.8	18	1.25	100	100	-10 to +50	N-Type
3	82-88		0.8	18	1.25	40 or 125	40 or 125	-10 to +50	SMA
4	87-89	Full	1.00	20	1.25	40	40	20 to 30	SMA
1	97-103		0.6	20	1.22	250	250	0 to +50	N-Type