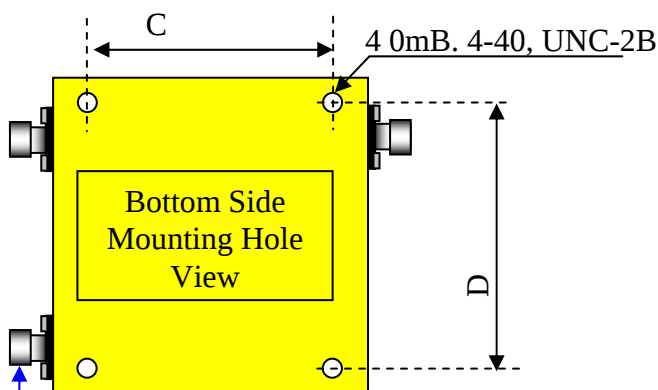
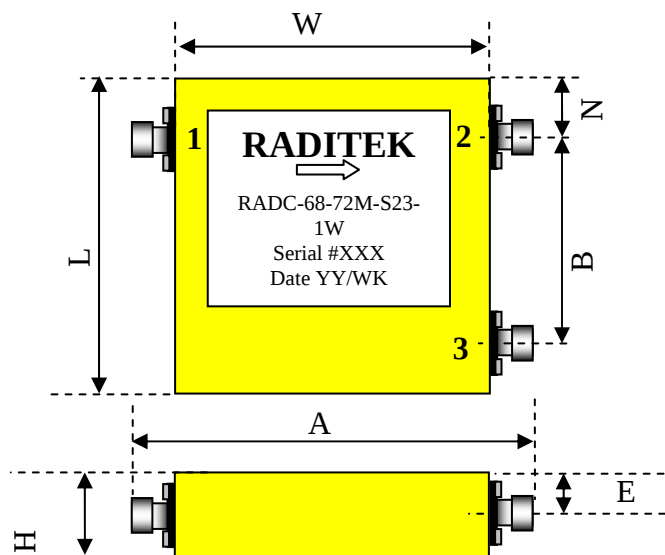


Isolator or Circulator 45-130MHz, N-Type or SMA Connectors 1W / 2W / 10W



Tolerance (unless stated otherwise):

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

Load Fitted Here
 on Isolator Models.
 Internal 1-20W
 External: > 20W

SMA / N-Type 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

Direction of RF:

R	Default	→
L		←

Units: mm
 Not to Scale

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

I=ISOLATOR / C=CIRCULATOR

Size#	W	L	H	N	A	B	C	D	E	
1	68	66	25	10	101.8	45	51+/-0.11	54+/-0.11	12.5	mm
2	69	67	25	10.5	tbc	tbc	51+/-0.11	54+/-0.11	12.5	mm
3	67	65	24.5	10	101.8	45	51+/-0.11	54+/-0.11	12.5	mm
4	80	80	24.5	10	114	60	62+/-0.11	68+/-0.11	12.0	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
1	45-55		1.2 1.4	17 15	1.40 1.50	1	1	Rm Temp 0 to +50	SMA
2	47-68		1.3	15	1.60	1	1	-10 to +60	SMA
1	55-65		0.9 1.2	20 18	1.30 1.35	2	2	+15 to +35 -10 to +50	SMA
1	55-70		1.2 1.4	17 15	1.40 1.50	1	1	Rm Temp 0 to +50	SMA
1	60.75-62.75		0.7	18	1.30	10	10	0 to +50	SMA

RADCorI-45-130M-S(N)-1-10W-Generic-b

Specifications may be subject to change

07/10/07

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Isolator or Circulator 45-130MHz, N-Type or SMA Connectors 1W / 2W / 10W

Size #	Specifications: Frequency MHz	BW	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp Range °C	Connector
1	68-72		1.0 (0.8 typ)	18	1.3	1	1	-20 to +40	SMA
1	69-70		1.0	20	1.30	1	1	0 to +50	SMA
1	70-95		1.2 1.4	17 15	1.40 1.50	1	1	Rm Temp 0 to +50	SMA
2	74-88		1.0	17	1.40	2	2	-10 to +55	SMA
2	75.5-80.5		0.8	20	1.20	1	1	-10 to +55	SMA
2	76-108		1.2	15	1.60	1	1	-10 to +60	SMA
2	77-83		0.8	18	1.30	1	1	-20 to +35	SMA
1	90-130		1.2 1.0	15 17	1.60 1.50	1, 10	1, 10	-10 to +50 -15 to +35	SMA
2	93-97		0.8	18	1.45	1	1	-20 to +35	SMA
2	97.25-99.0		1.0	17	1.40	1	1	0 to +50	N-Type
1	98-102		0.7	20	1.20	1	1	-20 to +40	SMA