

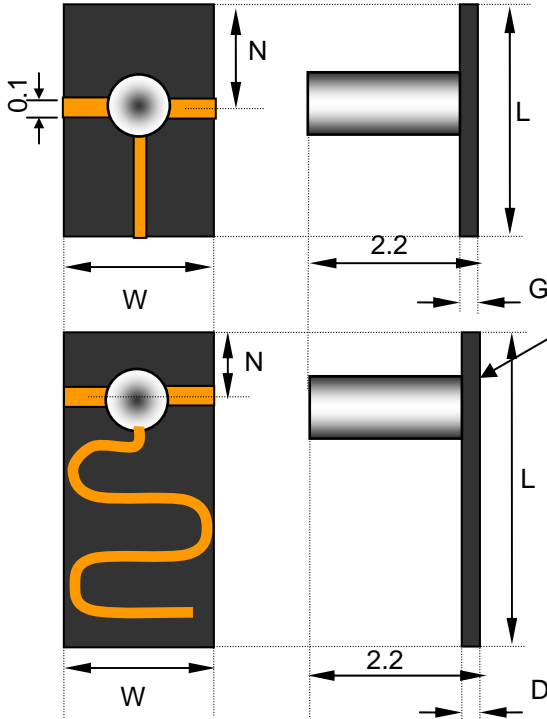
Isolators and Circulators: Microstrip Substrate only 74-78 GHz, 1GHz Bandwidth

M Magnetic for Steel / Kovar mounting

discontinued



Circulator



Circulator (dimensions mm)

Freq GHz	Model	W	L	N	D	M / NM	code
74-78	1	2.0	2.9	1.62	0.12	M	b
74-78	2	2.0	2.0	0.625	0.12	M	b

Isolator (dimensions mm)

Freq GHz	Model	W	L	N	D	M / NM	code
74-78	1	2.0	7.0	1.5	0.12	M	b
74-78	2	2.0	7.0	0.625	0.12	M	b

Ordering Information:

e.g. RADlorC-Flow-FHigh-MSS-0.1WR-M

RADI-Lower frequency-Higher frequency-Reverse power-Power direction-Option.

Power direction: R= Clockwise, or left to right (default), L= Anticlockwise

Isolator

Specifications	Typical 76-77		Units
Frequency range	76.4-76.6	74-78	GHz
Bandwidth	0.2	1	GHz
Insertion loss	1.3	1.6	dB (max)
Isolation	20	18	dB (min)
Return loss	18	15	dB (min)
Rated power (circulator)	0.5	0.5	Watt (avg)
Rated power (isolator)	0.1	0.1	Watt (avg)
Operating temp.	-10 to 40	-10 to 40	°C
	stock parts 30 Isolators and 15 Circulators	limited production, special volume orders only	