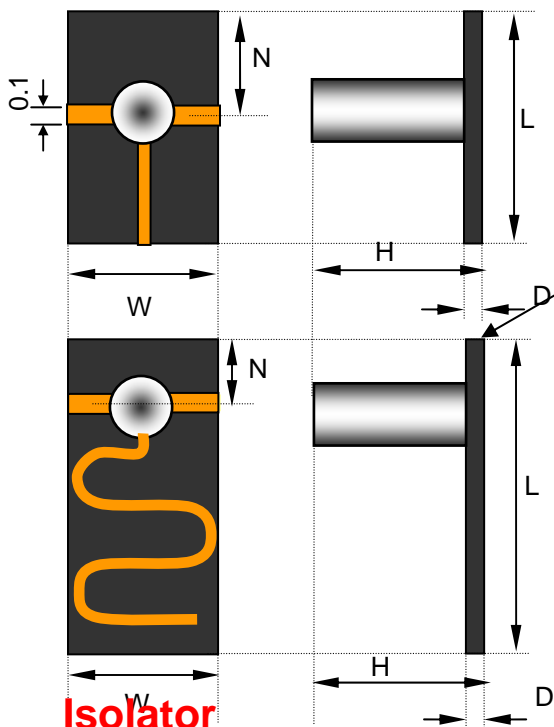


Isolators and Circulators: Microstrip Substrate only 54-64 GHz, 1 or 2 GHz Bandwidth

M Magnetic for Steel / Kovar mounting



Circulator



Circulator (dimensions mm)

Freq GHz	Model	W	L	N	H	D	M / NM	code
54-64		2.0	3.5	0.9	2.3	0.15	M	b

Magnet diameter 0.8 (55-64GHz), 0.6 (74-78GHz)

Isolator (dimensions mm)

Freq GHz	Model	W	L	N	H	D	M / NM	code
54-64		2.0	5.5	0.9	2.2	0.15	M	b
54.25-55.25		2.0	5.0	0.9	4.0	0.15	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

Specifications					Units
Frequency range	54.25-55.25	56-64	56-64	59-61	GHz
Bandwidth	1	1	2	Full	GHz
Insertion loss	1.2	1.0	1.2	1.0	dB (max)
Isolation	18	20	17	20	dB (min)
Return loss	16.5	15	16.5	15	dB (min)
Rated power (circulator)	0.5	0.5	0.5	0.5	Watt (avg)
Rated power (isolator)	0.25	0.1	0.1	0.1	Watt (avg)
Operating temp.	-30 to 70	-30 to 70	-10 to 60	-30 to 70	°C