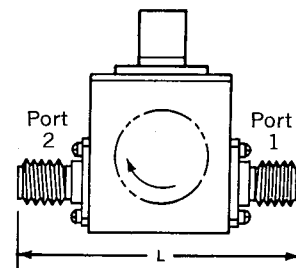
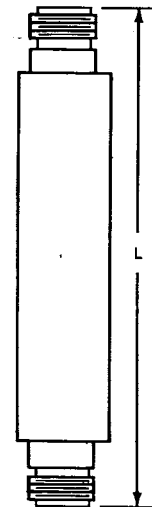


# FERRITE DEVICES

## Coaxial Isolators

All units are supplied with Type N female connectors. Similar devices can be supplied with other connector types on request. The MA-7K series of terminated circulators are rated at 2 W reverse power. The MA-78 series of resonance isolators are rated at 10 W reverse power. All models are capable of 1 kW peak power and 100 W average power in the forward direction. Units may be supplied at higher rated power levels on request.

Model Number	Freq. GHz	Min. Isol. dB	Max. Insert. Loss dB	Max. VSWR	Approx. Length <sup>1</sup> Inches	Approx. Weight Lbs.
MA-7Q168 <sup>2</sup>	1.0-2.0	10.0	1.0	1.25	8.00	1.3
MA-7K130	1.0-2.0	20.0	0.5	1.25	4.97	2.0
MA-7M025	1.0-2.0	35.0	1.0	1.30	8.47	4.0
MA-7K026	1.1-1.25	20.0	0.5	1.25	4.97	0.9
MA-7K036	1.7-2.3	20.0	0.3	1.20	3.33	0.9
MA-7Q020 <sup>2</sup>	2.0-4.0	12.0	1.0	1.25	6.00	0.9
MA-7K116	2.0-4.0	20.0	0.4	1.25	3.47	0.8
MA-7M035	2.0-4.0	35.0	0.8	1.30	5.47	1.8
MA-7K031	2.1-2.5	20.0	0.3	1.25	3.47	0.8
MA-7K027	2.7-3.4	20.0	0.3	1.25	3.47	0.8
MA-7K037	3.7-4.2	20.0	0.3	1.25	2.98	0.8
MA-7Q170 <sup>2</sup>	4.0-8.0	10.0	1.0	1.25	6.00	0.9
MA-7K146	4.0-8.0	20.0	0.4	1.25	2.97	0.3
MA-7M042	4.0-8.0	35.0	0.8	1.30	4.47	0.6
MA-7K028	5.2-5.9	20.0	0.3	1.25	2.97	0.3
MA-7K029	5.9-6.5	20.0	0.3	1.25	2.97	0.3
MA-7K030	6.4-7.1	20.0	0.3	1.25	2.97	0.3
MA-7K033	7.1-7.8	20.0	0.3	1.25	2.97	0.3
MA-7K046	8.0-12.0	20.0	0.4	1.25	2.35	0.3
MA-7K063	7.0-9.0	20.0	0.3	1.25	2.35	0.3
MA-7K064	8.5-9.6	20.0	0.3	1.25	2.35	0.3



Notes: 1. This dimension includes connectors.  
2. Resonance isolators.

## Gyrator

A versatile circuit element especially designed for easy integration into various types of circuitry. The gyrator can function as either an isolator or a circulator. The gyrator is rated at 50 W average power over a temperature range of -54°C to 85°C.

Model Number	Freq. <sup>1</sup> MHz	Typ. Dissipation Loss dB	Approx. Dimensions Inches		Approx. Weight oz.
			Dia.	Height	
MA-G1	200-400	0.8	.75	.56	.75
MA-G2	100-200	1.25	.75	.56	.75
MA-G3	300-600	0.8	.75	.56	.75

Note: 1. Bandwidth 1% to 5% over specified frequency range.

