

COAXIAL ISOLATORS/CIRCULATORS

0.8 - 18.0 GHz

Isolator Model Number	Circulator Model Number	Frequency Range (GHz)	VSWR (Max.)	Insertion Loss (dB Max.)	Isolation (dB Min.)	Power Rating (Watts)		Operating Temperature (Degrees C)	Outline	Weight (Grams)
						Peak	Avg.			
CE120	CE220	0.8-1.0	1.35:1	0.6	17	250	25	0 to + 55	5	80
CE121	CE221	1.0 - 2.0	1.35:1	0.5	17	100	50	10 to + 40	1	300
CE122	CE222	1.0 - 2.6	1.60:1	1.0	13	100	20	10 TO + 40	1	320
CE123	CE223	1.12 - 2.24	1.35:1	0.5	17	100	50	0 TO + 55	1	300
CE124	CE224	1.3 - 2.6	1.35:1	0.5	17	100	50	10 TO + 55	1	300
CE125	CE225	1.5 - 3.0	1.35:1	0.6	17	100	50	0 TO + 55	1	300
CE126	CE226	1.7-4.2	1.50:1	0.9	15	100	50	0 TO + 55	3	160
CE127	CE227	1.9-3.6	1.35:1	0.5	17	250	50	0 TO + 70	3	160
CE128	CE228	2.0-4.0	1.35:1	0.5	17	250	50	-30 TO + 70	4	120
CE129	CE229	2.0-4.5	1.40:1	0.7	16	250	50	0 TO + 55	4	120
CE130	CE230	2.6-5.2	1.35:1	0.5	18	250	25	0 TO + 55	5	65
CE131	CE231	2.7-5.4	1.35:1	0.5	17	250	25	0 TO + 55	5	65
CE132	CE232	3.0-6.0	1.35:1	0.6	17	250	25	-30 TO + 70	5	65
CE133	CE233	3.2-6.5	1.35:1	0.5	17	250	25	-30 TO + 70	5	65
CE134	CE234	3.7-8.2	1.40:1	0.7	16	250	25	0 TO + 55	6	50
CE135	CE235	4.0-8.0	1.35:1	0.5	18	250	25	-30 TO + 70	6	50
CE136	CE236	4.5-9.0	1.35:1	0.5	17	250	25	0 TO + 55	6	50
CE137	CE237	4.8-9.6	1.35:1	0.6	17	250	25	-30 TO + 70	6	50
CE138	CE238	5.0-10.0	1.35:1	0.6	17	250	25	-30 TO + 70	6	50
CE139	CE239	5.2-10.4	1.35:1	0.6	17	250	25	-30 TO + 70	7	34
CE140	CE240	8.0-16.0	1.35:1	0.6	17	250	25	-54 TO + 85	8	26
CE141	CE241	8.0-18.0	1.45:1	0.8	16	250	25	-30 TO + 70	8	26
CE142	CE242	9.0-18.0	1.35:1	0.7	17	250	25	-54 TO + 85	8	26

Power Rating applies to Circulators only.

External Terminations are available for power ratings listed. See pages 46, 47.

Standard Internal Terminations for all isolators are rated @ 1 W. CW.

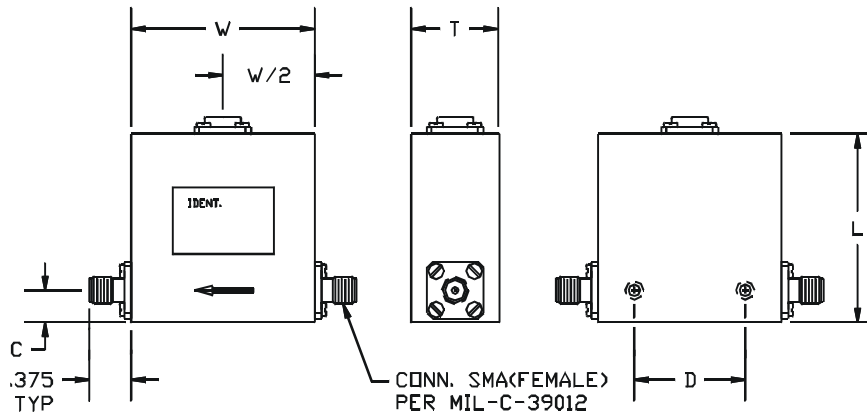
Standard Circulators are a clockwise configuration.

Counter Clockwise configuration is available upon request.

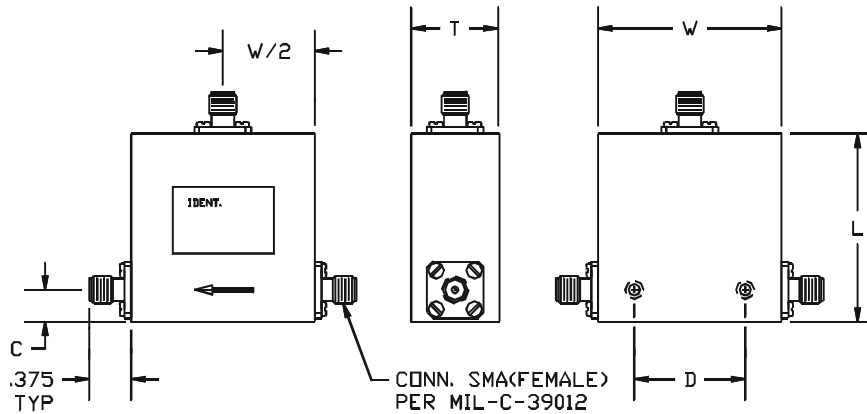
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Isolator



Circulator



Outline Dimensions		W	L	T	D	C	Mounting Holes Thread Size
1	INCH	2.76	2.76	0.87	1.97	0.39	4-40 x .150 DP.
	MM	70	70	22	50	10	3 x 4 DP.
2	INCH	2.36	2.36	0.87	1.57	0.31	4-40 x .150 DP.
	MM	60	60	22	40	8	3 x 4 DP.
3	INCH	1.97	1.97	0.87	1.57	0.26	4-40 x .150 DP.
	MM	50	50	22	40	6.5	3 x 4 DP.
4	INCH	1.62	1.65	0.79	0.98	0.26	4-40 x .150 DP.
	MM	41	42	20	25	6.5	3 x 4 DP.
5	INCH	1.26	1.34	0.75	0.95	0.26	4-40 x .150 DP.
	MM	32	34	19	24	6.5	3 x 4 DP.
6	INCH	0.98	1.14	0.71	0.75	0.26	2-56 x .150 DP.
	MM	25	29	18	19	6.5	2 x 4 DP.
7	INCH	0.75	0.95	0.67	0.43	0.26	2-56 x .150 DP.
	MM	19	24	17	11	6.5	2 x 4 DP.
8	INCH	0.63	0.83	0.67	0.39	0.26	2-56 x .150 DP.
	MM	16	21	17	10	6.5	2 x 4 DP.
9	INCH	0.52	0.63	0.52	N/A	N/A	N/A
	MM	13	16	13	N/A	N/A	N/A