

Waveguide Isolators and Circulators

CMI manufactures a selection of WG Isolators/Circulators ranging from WR28 to WR284.

Please call us with your requirements and discuss your needs with our design engineers.

The flange can choose following type according to your requirements:

1,CPRG, 2,CPRF, 3,COVER, 4,CHOKE. (COVER IS THE STANDARD)



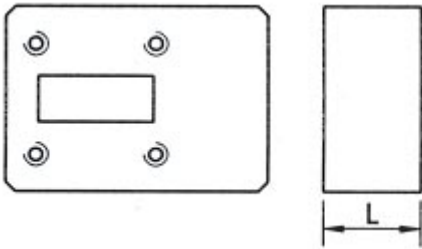
Waveguide Isolators

PART NUMBER	FREQ. (GHz)	BW (MHz)	INS. (dB)	ISO. (dB)	VSWR	TEMP. (C)	AVG. POWER(W)	PEAK POWER (kW)	WAVEGUIDE TYPE	LENGTH (mm)
CMIGS-1A	2.7-3.2	140	0.8	20	1.15	-40+55	800	800	WR284	250
CMIGS-2	2.988-3.008	full	0.5	20	1.10	-10+55	2000	2000	WR284	250
CMIGS-4A	2.7-3.2	100	1	20	1.20	-40+70	2000	2000	WR284	310
CMIGX-12A	7.75-9.5	500	0.5	20	1.15	-55+70	250	250	WR112	90
CMIGX-13	9.0-9.8	full	0.7	20	1.15	-55+70	250	250	WR112	90
CMIGX-5	8.6-9.6	full	0.7	20	1.20	-55+55	150	150	WR90	65
CMIGX-5A	8.5-10.5	300	0.5	20	1.15	-55+55	150	150	WR90	65
CMIGX-5B	8.5-10.5	500	0.6	20	1.20	-55+55	150	150	WR90	65
CMIGK-2	14.5-15.5	full	0.6	20	1.15	-55+70	80	80	WR62	55
CMIGK-2A	12.8-17.5	800	0.8	20	1.15	-55+70	80	80	WR62	55
CMIGK-4	14.5-16.5	full	0.6	20	1.15	-55+70	120	120	WR62	55
CMIGK-4A	12.8-16.5	800	0.6	20	1.15	-55+70	120	120	WR62	55
CMIGC-12	3.4-4.3	200	0.3	30	1.05	0+45				130
CMIGX-8A	7.5-9	300	0.6	20	1.25	-25+55			WR112	20
CMIGX-21	7.7-8.3	300	0.3	30	1.05	0+45			WR112	100
CMIGX-1Az	8.5-10.5	400	0.6	20	1.30	-25+55			WR90	15
CMIGX-1B	8.5-10.3	600	0.6	20	1.35	-25+55			WR90	15
CMIGX-2A	8.5-9.6	full	0.6 6	15	1.15	+10+60			WR90	35.
CMIGX-2	8.6-9.6	full	0.5	20	1.15	-10+55			WR90	60
CMIGX-15	9-9.5	full	0.6	20	1.25	-25 ~ +55			WR90	30
CMIGK-1A	13.5-16.5	1000	0.7	20	1.15	-10+55			WR62	80
CMIGK-5A	14.5-16.5	400	0.6	20	1.25	-10+55			WR62	12

CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407
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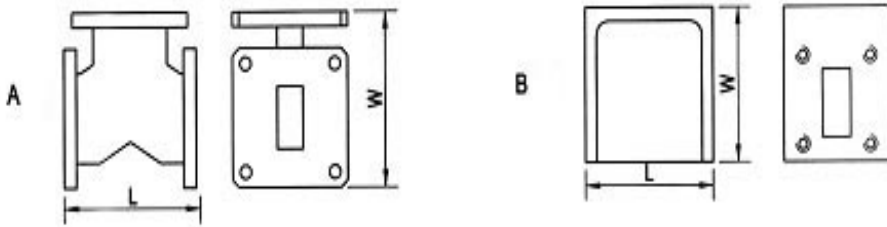
Waveguide Circulators

TYPE	FREQ. (GHz)	BW (MHz)	INS. (dB)	ISO. (dB)	VSWR	TEMP. (°C)	AVG. POWER (W)	PEAK POWER (kW)	WAVEGUIDE TYPE	DIMENSION LxW (mm)
CMIHS-11	2.6-3.5	300	0.2	30	1.06 0-+45				WR284	110x120
CMIHC-12	3.4-4.2	200	0.2	30	1.06	0-+45			58x10	110x120
CMIHC-13	3.9-5.8	200	0.2	30	1.06	0-+45			WR187	110x120
CMIHC-21	5.9-6.4	full	0.2	28	1.06	0-+45			WR137	98x98.6
CMIHC-22	6.4-7.1	full	0.2	28	1.06	0-+45			WR137	100x103.6
CMIHC-23	7.1-7.7	full	0.2	28	1.06	0-+45			WR137	120x94
CMIHX-17	7.1-8.75	300	0.2	28	1.08	0-+45			WR112	60x60
CMIHX-16	7.1-8.75	600	0.25	28	1.08	0-+45			WR112	82x87
CMIHX-10	8.2-9.0	300	0.2	28	1.05	0-+45			WR90	48x53
CMIHX-15	10.7-11.7	full	0.25	28	1.08	-10-+45			WR90	60x60
CMIHK-3A	13.5-17.5	500	0.5	20	1.25	-25-+55			WR62	42x42
CMIH-31	2.6-3.5	10%	0.25	20	1.25	0-+45	2000	2000	WR284	110x120
CMIH-32	3.4-4.2	10%	0.25	20	1.25	0-+45	500	500	WR187	110x110
CMIH-33	3.9-5.8	10%	0.25	20	1.25	0-+45	500	500	WR187	110x110
CMIH-34	5.8-6.4	10%	0.25	20	1.25	0-+45	500	500	WR159	100x100
CMIH-35	6.4-7.1	10%	0.25	20	1.25	0-+45	500	500	WR159	100x100
CMIH-36	7.1-7.7	10%	0.25	20	1.25	0-+45	500	500	WR137	100x100
CMIH-37	7.7-8.8	10%	0.25	20	1.25	0-+45	300	300	WR112	90x90
CMIH-38	8.6-10	10%	0.25	20	1.25	0-+45	250	250	WR90	80x980
CMIH-39	10-12	10%	0.25	20	1.25	0-+45	200	200	WR90	80x80
CMIH-40	12-14	10%	0.25	20	1.25	0-+45	100	100	WR62	60x60
CMIH-41	13.8-17.5	10%	0.25	20	1.25	0-+45	80	80	WR62	60x60

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Waveguide 4 Port Circulators

TYPE	FREQ. (GHz)	BW (MHz)	1→2 INS. (dB)	2→3 INS. (dB)	2→1 ISO. (dB)	1→3 ISO. (dB)	1→2 VSWR	TEMP. (°C)	AVG. POWER (W)	PEAK POWER (MW)	WAVEGUIDE TYPE	LENGTH (mm)
CMIP331	2.6-3.4	10%	0.4	0.4	20	20	1.2	-10-+50	2600	2.6	WR284	700
CMIP332	2.6-3.4	10%	0.5	0.5	20	20	1.2	-10-+50	5000	5	WR284	700
CMIP333	2.6-3.4	10%	0.5	0.5	20	20	1.2	-10-+50	1000	10	WR284	700
CMIP334	2.6-3.4	10%	0.5	0.5	20	20	1.2	-10-+50	10000	1	WR284	700
CMIP351	4.8-5.8	10%	0.5	0.5	20	20	1.2	-10-+50	2000	1	WR187	500
CMIP381	8.2-12	10%	0.5	0.5	20	20	1.2	-25-+60	300	0.3	WR90	300
CMIP382	8.2-12	10%	0.5	0.5	20	20	1.2	-25-+60	1000	1.3	WR112	300
CMIP311	12.4-18	5%	0.5	0.5	20	20	1.2	-25-+60	120	0.07	WR62	200
CMIP312	14.5-15.5	16%	0.5	0.5	20	20	1.2	-25-+60	30	0.1	WR62	200

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