

Microwave Technology Corporation

WAVEGUIDE ISOLATORS / CIRCULATORS

MTC manufactures a selection of W/G Isolators/Circulators are designed for wide range of high performance

application at a low cost. These devices operate at frequencies from 7 to 18 GHz (WR62 to WR112).

For more information feel free to contacts us and discuss your needs with one of our design engineers.

- WAVEGUIDE CIRCULATORS

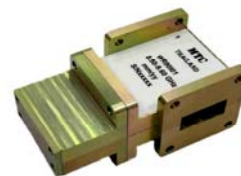
Model No.	Frequency range (GHz)	Isolation dB (Max)	Insertion loss dB (Max)	VSWR Max	Operating temp.(C)	Power (Watts)		Dimintions (mm)			WAVEGUIDE TYPE	Mating Flange	Drawings No.
						Avg	Peak	W	L	H			
WR112C01	7.10-7.80	23	0.20	1.15	-30 to+70	200	500	60	65	47.75	WR112	UG138/U,UBR 84	Attache
WR112C02	7.80-8.50	23	0.20	1.15	-30 to+70	200	500	60	65	47.75	WR112	UG138/U,UBR 84	Attache
WR90C01	8.50-9.60	22	0.20	1.20	-30 to+70	200	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90C02	9.00-10.00	22	0.20	1.18	-30 to+70	200	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90C03	10.00-11.00	22	0.20	1.18	-30 to+70	200	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90C04	10.70-11.70	22	0.20	1.18	-30 to+70	200	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR75C01	10.70-11.70	21	0.25	1.20	-30 to+70	100	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75C02	11.50-12.60	21	0.25	1.20	-30 to+70	100	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75C03	12.75-13.50	21	0.25	1.20	-30 to+70	100	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75C04	13.00-14.50	21	0.25	1.20	-30 to+70	100	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR62C01	13.50-14.50	21	0.30	1.20	-30 to+70	100	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62C02	14.00-15.30	21	0.30	1.20	-30 to+70	100	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62C03	14.00-16.00	20	0.30	1.25	-30 to+70	100	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62C04	16.00-17.00	21	0.30	1.20	-30 to+70	100	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache

- WAVEGUIDE ISOLATORS

Model No.	Frequency range (GHz)	Isolation dB (Max)	Insertion loss dB (Max)	VSWR Max	Operating temp.(C)	Power (Watts)		Dimintions (mm)			WAVEGUIDE TYPE	Mating Flange	Drawings No.
						Avg	Peak	W	L	H			
WR112I01	7.10-7.80	23	0.20	1.15	-30 to+70	10	500	60	65	47.75	WR112	UG138/U,UBR 84	Attache
WR112I02	7.80-8.50	23	0.20	1.15	-30 to+70	10	500	60	65	47.75	WR112	UG138/U,UBR 84	Attache
WR90I01	8.50-9.60	22	0.20	1.20	-30 to+70	5	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90I02	9.00-10.00	22	0.20	1.18	-30 to+70	5	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90I03	10.00-11.00	22	0.20	1.18	-30 to+70	5	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR90I04	10.70-11.70	22	0.20	1.18	-30 to+70	5	500	50	55	41.4	WR90	UG135/U,UBR-100	Attache
WR75I01	10.70-11.70	21	0.25	1.20	-30 to+70	3	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75I02	11.50-12.60	21	0.25	1.20	-30 to+70	3	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75I03	12.75-13.50	21	0.25	1.20	-30 to+70	3	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR75I04	13.00-14.50	21	0.25	1.20	-30 to+70	3	500	38.10	44.50	38.10	WR75	WR75,UBR-120	Attache
WR62I01	13.50-14.50	21	0.30	1.20	-30 to+70	3	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62I02	14.00-15.30	21	0.30	1.20	-30 to+70	3	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62I03	14.00-16.00	20	0.30	1.25	-30 to+70	3	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache
WR62I04	16.00-17.00	21	0.30	1.20	-30 to+70	3	250	38.10	38.10	33.30	WR62	UG1665,UBR-140	Attache

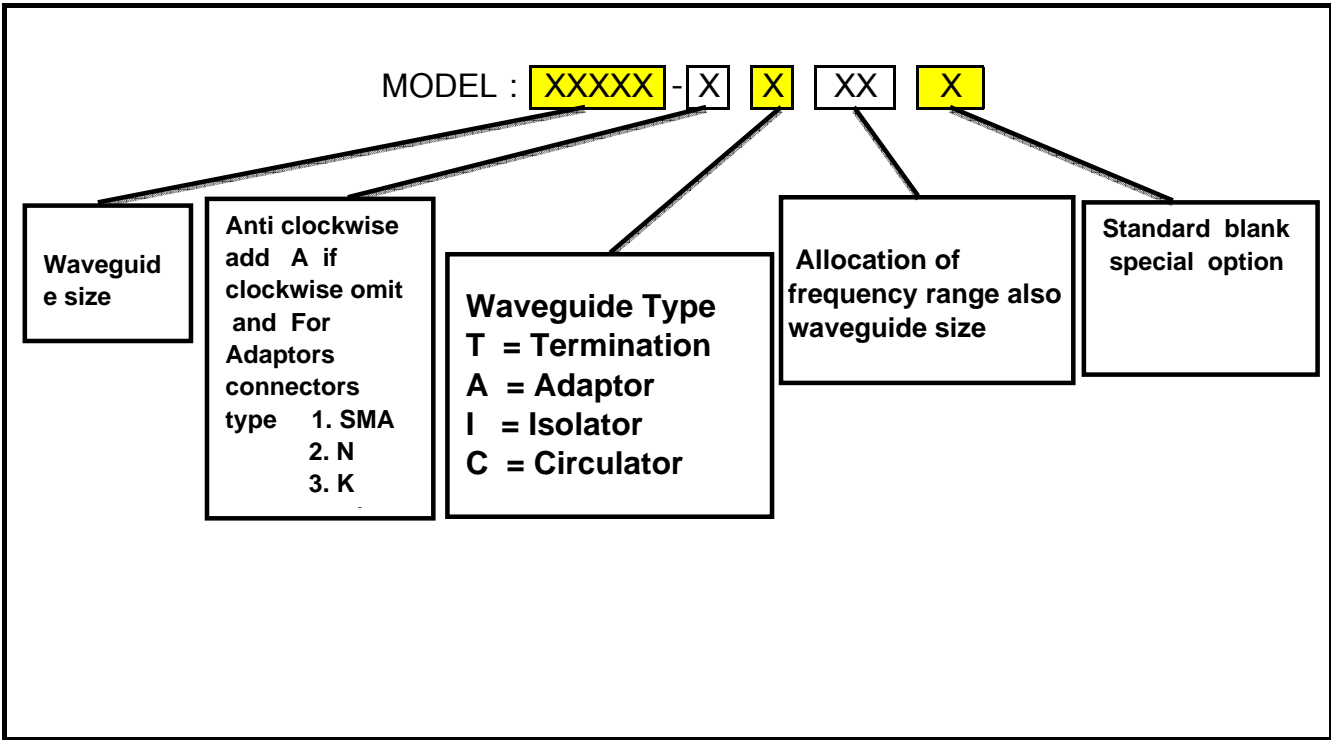


CIRCULATORS



ISOLATORS

SAMPLE MODEL OF WAVEGUIDE



Standard

Flange Type : Cover



Standard : Cover Flange

Material : Aluminium

Finish : Yellow Chromate

