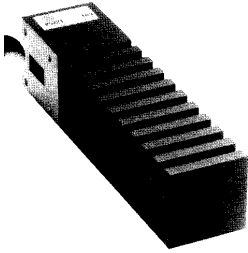


HIGH-POWER JUNCTION WAVEGUIDE PRODUCTS



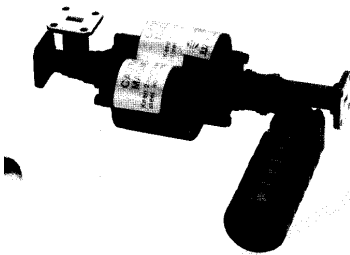
MODEL NUMBER	FREQUENCY/SIZE (GHz) (WR)	R.F. POWER		ISOLATION (dB MIN)	INS. LOSS (dB MAX)	VSWR (MAX)	DIMENSIONS, INCHES (L x H x W)
		WATTS PK	WATTS CW MAX				
JS350H	2.9-3.1 [284]	200 KW	500	20	0.4	1.20:1	6.00 6.00 3.00
JB350H	5.9-6.4 [159]	100 KW	500	20	0.4	1.20:1	4.00 4.00 2.44
JH350H	7.9-8.4 [112]	70 KW	400	20	0.3	1.20:1	2.50 2.50 1.88
JX350H	9.3-9.5 [90]	50 KW	300	20	0.3	1.20:1	2.30 2.30 1.63
JM350H	12.2-12.7 [75]	30 KW	250	20	0.3	1.20:1	2.00 2.00 1.50
JP350H	16.0-16.3 [62]	20 KW	200	20	0.3	1.20:1	1.75 1.75 1.31

- NOTES: 1. All units listed above are circulators. Terminated models (isolators) are available. Please specify reverse power (peak and average). Designs available with loads handling full average power.
2. All flanges are aluminum 4 tapped hole cover (UG type). Brass and/or choke flanges and European sizes are also available.
3. All units pressurized to 15 PSI.
4. Higher power options (both peak and average) available with higher pressurizations. Contact factory for tradeoffs.
5. Convection cooling required. Contact factory for cooling options.

DIFFERENTIAL PHASE WAVEGUIDE ISOLATOR/CIRCULATOR

This product area represents our standard capabilities.

Differential Phase Circulators are made to customer specification.



MODEL NUMBER	FREQUENCY (GHz)	ISOLATION (dB MIN)	INS. LOSS (dB MAX)	VSWR (MAX)	(1) POWER (2) AVG	POWER PEAK (1)	LENGTH INCHES	WG. SIZE
MS120	3.5-3.7	20	0.4	1.15:1	2 KW	1 MW	28.50	WR284
MA120	3.9-4.2	20	0.4	1.15:1	1 KW	700 KW	23.50	WR229
MB120	5.4-5.9	20	0.4	1.15:1	500 W	500 KW	16.50	WR159
MJ120	5.9-7.2	20	0.4	1.15:1	400 W	400 KW	14.90	WR137
MH120	8.9-9.5	20	0.4	1.15:1	300 W	350 KW	13.50	WR112
MX120	8.6-9.6	20	0.4	1.15:1	250 W	250 KW	11.50	WR90
MP120	16.5-17.5	20	0.4	1.15:1	150 W	150 KW	8.00	WR62
MR120	34-36	20	0.4	1.20:1	100 W	10 KW	5.00	WR28

- [1] Power ratings depend upon pressurization and cooling system.
- [2] For isolators, specify reverse power and ports to be terminated.