

PULSED DIODE CAVITIES

Used primarily in military applications, these products employ Gunn diodes as the active device. MPD proprietary techniques in the areas of heat transfer, power combining and testing ensure unmatched performance and producibility.

TYPE	Frequency Range (GHz)	Output Power Range (W)	Duty* Cycle	Mechanical Tuning Range (MHz)	Bias Voltage Range (V)	Bias Current Range (A)	Temperature Range (°C)
Single Gunn P1000 Series	5.0 to 36.0	0.01 to 5	to 0.25	±20 to ±200	5 to 15	to 0.5	-40 to +70
Multiple Gunn P2000 Series	5.0 to 36.0	0.15 to 20	to 0.25	±5 to ±100	5 to 30	to 1.0	-40 to +70

* Pulse width 0.05 to 0.5 µseconds.

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