

Millimetre Wave Graded Gap Gunn Diodes

The DC1200-T series extends the range of high power, graded gap, GaAs CW Gunn diodes further into the millimetre wave frequency band. They offer superior stability where low df/dt , low df/dv and cold start turn-on are at a premium.

- Low FM and AM noise
- High efficiency
- Custom devices available
- Fixed frequency or wideband
- High reliability
- MIL-STD temperature operation

Frequency band (GHz)	Type	Minimum output power (mW)	Typical operating voltage (V)	Typical operating current (mA)	Outline (see page 13)
26-40	DC1276F-T	50	5.0	400	106
	DC1276G-T	100		600	
	DC1276H-T	200		850	
	DC1276J-T	300		1200	
40-60	DC1277D-T	20	3.5	350	106
	DC1277E-T	30		400	
	DC1277F-T	50		500	
	DC1277G-T	100		700	
60-75	DC1278D-T	20	6.0	600	106
	DC1278E-T	30	6.0	650	
	DC1278F-T	50	6.5	700	
75-110	DC1279B-T	10	5.0	500	106
	DC1279C-T	15		550	
	DC1279D-T	20		600	
	DC1279E-T	30		650	
	DC1279F-T	50		700	



Outline 106, 10 X actual size