



Frequency Doublers
D-SERIES
1.5 to 26.0 GHz

FEATURES

- > Multi-Octave Bandwidth
- > Output Frequency to 26 GHz
- > Excellent 3rd Harmonic Suppression
- > Low Conversion Loss
- > Amplifier-Doubler and Doubler-Amplifier are Available

Maximum Input Power: 150mW CW
 Operating Temperature Range: -50°C to +100°C
 Storage Temperature Range: -65°C to +150°C
 Specification @ +25°C

Model No.	Input Frequency (GHz)	Output Frequency (GHz)	Conversion Loss dB Typ.	Isolation Fundamental dB Typ.	Input Drive Level dBm
D-1550L	1.5 - 5.0	3.0 - 10.0	11	30	+10 to +13
D-1550M	1.5 - 5.0	3.0 - 10.0	11	30	+16 to +19
D-2060L	2.0 - 6.0	4.0 - 12.0	12	28	+10 to +13
D-2060M	2.0 - 6.0	4.0 - 12.0	12	28	+16 to +19
D-4090L	4.0 - 9.0	8.0 - 18.0	12	25	+10 to +13
D-4090M	4.0 - 9.0	8.0 - 18.0	12	25	+16 to +19
D-9013L	9.0 - 13.0	18.0 - 26.0	12	25	+10 to +13
D-9013M	9.0 - 13.0	18.0 - 26.0	12	25	+16 to +19

1. To indicate package style, add prefix to the end of the model number. (Example: Model No.D-2060LB - Package "B").
2. Connectors and Spacers are standard to the parts and spacers are optional.
3. Custom operating frequency bands & power levels are available upon request.