

D4090M Frequency Doubler

4.0 to 9.0 GHz



Technical Characteristics

Absolute Maximum Ratings

Operating Temperature:	-55 °C to +125° C
Storage Temperature:	-65 °C to +150° C
Pk Power For Any Single Port	+23 dBm Peak @ +25°C
Peak Input Current @ +25°C	100 mA

Product Export Classification

ECCN: EAR 99 (unless otherwise specified)
HTS: 85543.70.8000

Specifications @ +25°C

Electrical Specifications

Parameters	Min.	Typical	Max.	Units
Input Frequency	4.0		9.0	GHz
Output Frequency	8.0		18.0	GHz
Conversion Loss		10.5	12.0	dB
Input Power		16.0	19.0	dBm
Fundamental Isolation	23.0	30.0		dB
3rd Harmonic Suppression	22.0	30.0		dBc

Outline drawing

