

D1550M Frequency Doubler

1.5 to 5.0 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 | 1.5 | | 5.0 | GHz |
| Output Frequency | 3.0 | | 10.0 | GHz |
| Conversion Loss | | 10.5 | 11.5 | dB |
| Input Power | | 16.0 | 19.0 | dBm |
| Fundamental Isolation | 25.0 | 35.0 | | dB |
| 3rd Harmonic Suppression | 25.0 | 30.0 | | dBc |

Outline drawing

