## Gain Modules

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency Model Response (GHz)</th>
<th>Gain (dB)</th>
<th>Gain Flatness vs Frequency (±dB)</th>
<th>Gain Temperature Coefficient Per 1°C [1] (dB)</th>
<th>Noise Figure (dB)</th>
<th>Power Output for 1dB Compression (+dBm)</th>
<th>Input DC current (mA)</th>
<th>Carrier Type [2]</th>
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[1] Gain will increase with decreasing temperature and decrease with increasing temperature
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<th>Gain (dB)</th>
<th>Gain Flatness vs Frequency (±dB)</th>
<th>Gain Temperature Coefficient Per 1°C [1] (dB)</th>
<th>Noise Figure (dB)</th>
<th>Power Output for 1dB Compression (+dBm)</th>
<th>Input DC current (mA)</th>
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<th>Input DC current (mA)</th>
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## Low Noise Amplifiers

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<th>Model</th>
<th>Frequency Response (GHz)</th>
<th>Gain (dB)</th>
<th>Gain Versus Temperature at any Frequency (±dB)</th>
<th>Noise Figure (dB)</th>
<th>Power Output for 1dB Compression (+dBm)</th>
<th>Gain Flatness vs Frequency (±dB)</th>
<th>3rd Order Intercept Point (+dBm)</th>
<th>Input DC Current @+12V</th>
<th>Temp Range</th>
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### Amplifiers

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Amplifiers

**Amplifier Outline Drawings**

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**1006 Series**

**1248 Series**
Teledyne Microwave Solutions designs and manufactures the most extensive line of hybrid amplifiers and signal processing components on the market today.

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- Flexibility to tune for application/customer specific requirements
- Unparalleled experience in the Hi-Rel arena

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