



### 30W CDMA Feed Forward Amplifier 2610MHz~2670MHz

- Average Power 30W
- Applicable for base station, repeaters of CMDA 2600MHz cellular network
  - Feed forward Linearization
  - CDMA multi-carrier operation
- High Peak to average handle capability
- High Linearity and High efficiency design
- Customized alarms and protections.

<b>Frequency Range:</b>	<b>2610MHz-2670MHz</b>
<b>Average Output Power:</b>	<b>45 dBm</b>
<b>RF Gain:</b>	<b>49dB +/-1dB</b>
<b>Flatness:</b>	<b>+/-0.5dB</b>
<b>Gain Variation Over Base plate Temperature Range (-25 to +60 degree C):</b>	<b>+/-1dB</b>
<b>IMD</b>	<b>-60dBc@42dBm/ tone</b>
<b>Spurious Emissions:</b>	<b>-45dBc@+/-750KHz</b>
	<b>-65dBc@+/-1.98MHz(30W)</b>
	<b>-60dBc@+/-1.98MHz(30W)</b>
<b>Input / Output Return Loss:</b>	<b>15dB min</b>
<b>Output Protection:</b>	<b>Isolator</b>
<b>DC Current:</b>	<b>9A@ 27V</b>
<b>Operating Base plate Temperature Range:</b>	<b>-25 to +60 degree C</b>
<b>Storage temperature Range:</b>	<b>-40 to +85 degree C</b>
<b>Over Power Alarm</b>	<b>47dBm +/-1dB</b>
<b>VSWR Alarm</b>	<b>4:1</b>
<b>Over Temperature Alarm</b>	<b>+85 +/-5 degree C</b>
<b>Enable/Disable</b>	<b>Enable (Low)</b>
<b>RF Connectors:</b>	<b>RF Input (SMA Female)</b>
	<b>RF Output (N Female)</b>
<b>Cooling:</b>	<b>Natural Convection</b>
<b>Convection Size (Length x Width x Height):</b>	<b>185 x 170 x 26 mm</b>

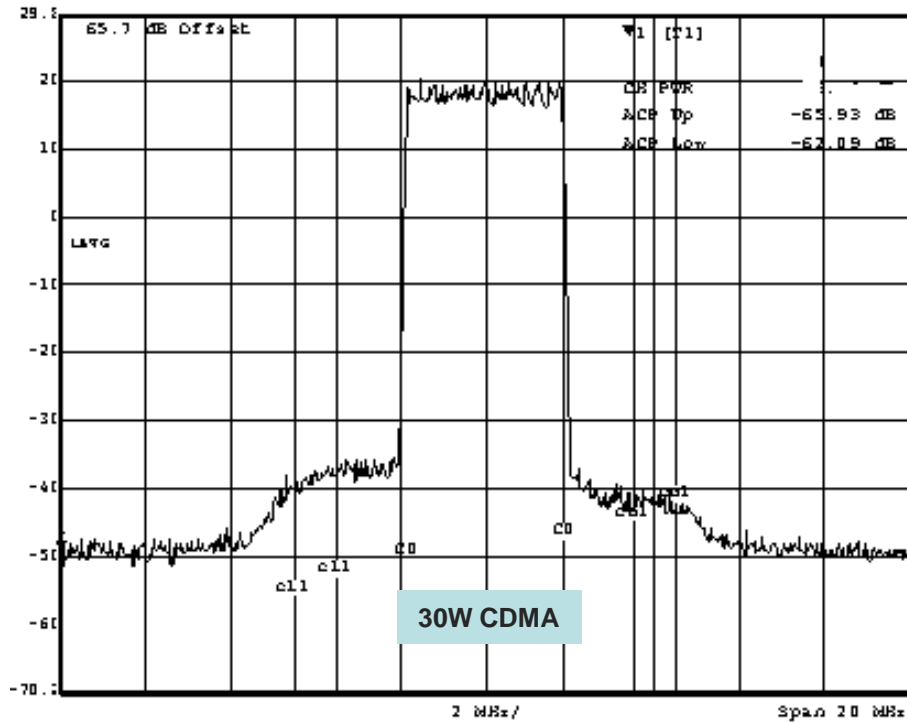
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# RF-LAMBDA

The power beyond expectations

## RFLFFPA02650-30W



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Heat Sink required during operation.

