



35-3 Carlough Road, Bohemia NY 11716

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|----------------------------------|
| Serial Number: 109008 |
| Model No.: APT3-02000400-0510-D4 |

IMPORTANT - MUST USE HEAT SINK IF CASE TEMPERATURE EXCEEDS 50°C

| Specifications at 23°C | | | |
|------------------------|--------------------|------------------------------|-----------------------|
| Frequency: | 2.0- 4.0 GHz | Output Power @ 1dB Comp. Pt: | + 10 dBm |
| Gain: | 32 dB min. | Voltage/Current: DC Power | +15 VDC @150 mA, nom. |
| Gain Flatness: | ± 1.5 dB max | Measured Current: | 96 mA |
| VSWR Input: | 2.0:1 | Max. Noise Figure: | 0.5 dB |
| VSWR Output: | 2.0:1 Z=50 Ohms | Outline: Model: | D4 10010G |

Note: Test data taken with case temperature of +23 °C

| Frequency (GHz) | Gain (dB) | VSWR | | Noise Figure (dB) | Output Power @ 1dB Comp. (+dBm) |
|-----------------|-----------|------|------|-------------------|---------------------------------|
| | | In | Out | | |
| 2.0 | 39.2 | 1.32 | 1.99 | 0.49 | 13.2 |
| 2.5 | 39.5 | 1.31 | 1.93 | 0.48 | 13.7 |
| 3.0 | 40.3 | 1.13 | 1.84 | 0.47 | 14.1 |
| 3.5 | 40.3 | 1.16 | 1.79 | 0.49 | 13.8 |
| 4.0 | 39.5 | 1.48 | 1.70 | 0.48 | 13.0 |
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Data taken at 23°C unless otherwise stated.

COMMENTS: Do not apply DC Voltage to the INPUT. The maximum RF CW Input to the unit is +15 dBm. *Noise Figure spec is only valid over 500 MHz.

TESTER: _____

DATE: 10/04/2013

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