



35-3 Carlough Road, Bohemia NY 11716

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|----------------------------------|
| Serial Number: 111109 |
| Model No.: APT4-00101000-2010-D4 |

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

| Specifications at 23°C | | | |
|------------------------|--------------------|------------------------------|----------------------|
| Frequency: | 0.1- 10.0 GHz | Output Power @ 1dB Comp. Pt: | + 10 dBm |
| Gain: | 28 dB min. | Voltage/Current: DC Power | 15 VDC @125 mA, nom. |
| Gain Flatness: | ± 1.5 dB max | Measured Current: | 126 mA |
| VSWR Input: | 2.2:1 | Max. Noise Figure: | 2.0* dB |
| VSWR Output: | 2.2:1 Z=50 Ohms | Outline: Model: | D4 EM 10387B |

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 | | |
| 0.1 | 34.9 | 2.13 | 1.03 | 2.13 | 12 |
| 0.5 | 34.7 | 2.12 | 1.03 | 1.72 | 12 |
| 2 | 34.3 | 2.03 | 1.09 | 1.23 | 12 |
| 6 | 33.6 | 1.62 | 1.49 | 1.45 | 12.5 |
| 10 | 33.8 | 1.32 | 1.37 | 1.97 | 13 |
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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 Valid Above 500 MHz.

TESTER: _____

DATE: 8/05/15

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