

PA-3437-43-33

Reference Sheet

PA Series power extension modules for Consultix' WTX Test Transmitters deliver high power and wide bandwidth in a compact light-weight form factor that makes them ideal for field use.

Designed to replace old & bulky systems, PA Series power extension modules connect to the WTX Test Transmitter in the field to transform it into a highly portable, multi-band, cost-efficient, high power test transmitter.



Module with included Heat-Sink

Specification

| Parameter | Value | Unit |
|----------------------------|--------------|------|
| Frequency Range | 3400 to 3700 | MHz |
| Saturated Power | >43 | dBm |
| Small signal gain | 33 | dB |
| Harmonics (Typical @ Psat) | -15 | dBc |
| VSWR Protection | 10:1 | - |
| RF Input port | SMA-female | - |
| RF Output port | N-female | - |
| Weight | <1.5 | Kgm |

Absolute Maximum Ratings

| Rating | Symbol | Value | Unit |
|----------------------------|----------|-------|------|
| Supply Voltage | V_{DD} | 28 | V |
| Supply Current | I_D | 2000 | mA |
| RF Input Power | P_{in} | 10 | dBm |
| Operating Case Temperature | T_C | 60 | °C |

Included Accessories: RF Jumper Cable, AC/DC Adapter & Heat sink

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