

TWTA based High Power Amplifier



Covering the need for a high powered amplifier with TWTA power and reliability, Upcom Technologies has released a line of TWTA HPA for the Ku-Band market. Based on time and field proven technologies and designed with a resilient power supply allowing for reliability even with unstable power sources.

ADVANTAGES

- Self Contained unit
- Low Maintenance
- Monitoring & Control
- Easy Operation & Deployment
- Very Cost Effective

APPLICATIONS

- Broadcast
- Broadcast Contribution
- DSNG
- Production Testing
- Data Communications
- SCPC, MCPC, TDMA.

SPECIFICATIONS

Output Range:	13.75 to 14.50 GHz (others optional)
Output Power at Flange:	350W
Gain Large Signal	70dB
Gain Small Signal	75dB
Attenuator Range	25dB
Slope, Max	+/- .04 dB / MHz
Stability 24hr	+/- .25dB
Stability Over Temperatur	+/- 1dB
VSWR	1.3:1
RF Connectors:	Input: N-Type Output: CPR137 Ku or L-band (optional)
Control:	RS-422/RS-485
Altitude:	Up to 10,000 ft (derate 2°C/1,000ft above 3000ft)
Temperature:	Operating Temperature: 0° to 50°C Storage Temperature: -40° to 70°C
Shock and Vibration:	Equal to Mobile Van or Antenna Pedestal
Cooling:	Built-in forced air, rear intake and rear exhaust.
AC Power:	99-260AC at 1550VA

KEY FEATURES

- ANTENNA MOUNT
- COST EFFECTIVE HIGH POWER
- OUTDOOR AND WEATHERPROOF
- MONITORING & CONTROL SOFTWARE
- REDUNDANCY SWITCHING AVAILABLE
- TWO YEAR FACTORY WARRANTY

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