

# TW-NTAMP-04700

## High Power Amplifier

### Typical Applications

- Wireless Telecommunication systems
- Base station infrastructures
- TV networks
- Test Instrumentation

### Main Features

Wideband UHF-Band High Power Amplifier  
 Output Power 200W CW / 700 W Pulsed  
 N Connectorized



### Electrical Specifications

Parameter	Unit	Specification
Frequency Range	MHz	280 - 410
Input Signal Type		CW or Pulsed
Output Power Level (CW/Pulsed)	dBm	200 min / 700 min
Input Power Level	dBm	0 typ.
Gain	dB	60 min
Gain Flatness over Frequency Range	dB	+/- 1.5 max
Gain Variation	dB	0.3 max / 24 hours CW mode
Second Harmonic Rejection	dBc	-15 min
Spurious Rejection	dBc	-60 min
Input VSWR		2.0 : 1 max
In/Out Impedance	Ohm	50 typ.
Power Supply	V	220
Support with multiple function		<ul style="list-style-type: none"> <li>• VSWR overload protection: output port open-circuit or short-circuit will not burn-down the PA</li> <li>• Temperature overload protection: ≥60 protection activate</li> <li>• Output signal overload protection: 10dBm max</li> </ul>

Products and Product Information are Subject to Change Without Notice

**Environment**

Parameter	Unit	Specification
Operating Temperature	°C	0°C to +40°C, Forced Air Cooling
Relative Humidity	%	< 95 @ +30°C +/- 2°C

**Mechanical Specifications**

Parameter	Unit	Specification
Dimension	mm	480 x 600 x 270
RF connectors		N - Female
Finish		Sandblasted aluminum plastic spray