

# **KHPA-0206 300WR**

# 2-6 GHZ 300W AMPLIFIER **Rack Mounted**

v03 0716

#### **Typical Applications**

- · Commercial Radar
- · Military Radar
- · Electronic Warfare
- Test Equipment

#### Solid State Rack Mounted **High Power Amplifier**



#### **Features**

**Highest Power** 

Smallest Footprint

Lightest Weight

### **General Description**

The KHPA-0206 300WR is a high power rack mounted microwave amplifier that covers a 4 GHz range in the 2-6 GHz band. The amplifier provides an output of 300 watts TYP. A number of options are available depending on customer requirements. TTL Local/Remote switching is provided as an option. 100W and 200W versions available.

## Table 1. Specifications

Input Power	
AC Power Frequency	110/240VAC 50/60 Hz
Output Specifications [ @ 25° C ]	
Frequency Range Saturated Power Output Gain Noise Figure In/Out VSWR In/Out Impedance Local/ Remote	2-6 GHz 300W TYP 60 dB Min 5 dB TYP <2:1 TYP 50 Ω TTL
Connectors	
RF In / Out	"N" Female
Mechanical	
5U Aluminum Chassis (19" rack mount) 19" wide, 10.5" High, 17.7" Depth Chassis Grounded	
Environmental	
Operating Temperature Storage Temperature Relative Humidity	-40º to 50º C -40º to 50º C 5 to 95% non-condensing
МТВF	

200,000 hours

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