



5300 Beethoven Street, Los Angeles, CA 90066
 TEL: (310)306-5556 • FAX: (310)821-7413
 WEB: www.ophirrf.com • E-MAIL: sales@ophirrf.com

MODEL 6015
704.5 MHz
1000 WATTS
PULSED POWER RF AMPLIFIER

**Solid State
 Pulsed High Power
 RF Amplifier**

The 6015 is a 1,000 Watt pulsed amplifier that covers the 704.5MHz (-704 Version) or the 600 MHz (-600 Version) frequency range. This amplifier utilizes Class AB linear power devices that provide excellent peak power, high gain, and a wide dynamic range.

Due to robust engineering and employment of the most advanced devices and components, this amplifier achieves high efficiency operation with proven reliability. Like all OPHIR_{RF} amplifiers, the 6015 comes with an extended multiyear warranty backed by Ophir RF's commitment to total customer satisfaction.

	Parameter	Specification @ 25° C
Electrical		
1	Frequency Range	704.5 MHz (600 MHz alternative available)
2	Power at P _{SAT}	1000 Watts Minimum
3	Small Signal Gain	+ 60 dB Minimum
4	Duty Cycle	1% Maximum
5	Pulse Width	25 µSec
6	Pulse Repetition Frequency	25 Hz
7	Input VSWR	2:1 max
8	Harmonics	-20 dBc typical
9	Spurious Signals	< -60 dBc typical
10	Input/Output Impedance	50 Ohms nominal
11	Peak AC Input Power	500 Watts Maximum
12	AC Input	100 – 240 VAC, single phase
13	RF Input	+0 dBm Nominal for full power +10 dBm No Damage
14	RF Input Signal Format	CW/AM/FM/PM/Pulse
15	Class of Operation	AB
Mechanical		
16	Dimensions	19" x 5.25" x 26" (3RU)
17	Weight	60 lbs.
18	Connectors	Type-N
19	Grounding	Chassis
20	Cooling	Internal Forced Air
Environmental		
21	Operating Temperature	0° C to +50° C
22	Operating Humidity	95% Non-condensing
23	Operating Altitude	Up to 10,000' Above Sea Level
24	Shock and Vibration	Normal Truck Transport

Specifications subject to change without notice



F MODEL SHOWN

ORDERING MODELS

- R Rear RF Connector model
- F Front RF Connector model

CIRCUIT PROTECTIONS

- ◇ - Thermal Overload
- ◇ - Over Current
- ◇ - Over Voltage
- ◇ - Open or Short VSWR Conditions
(With Built in Internal Isolator)

