

# AMPLIFIER RESEARCH 10W1000

## Ultra-Broadband RF Power Amplifier

### 1 to 1000 MHz, 10 Watts

The Model 10W1000 is a portable, self-contained, air-cooled, broadband, solid state amplifier designed for applications where instantaneous bandwidth and high gain are required.

#### Specifications

Frequency Response (instantaneous)	1 to 1,000 MHz
Power Output	
Maximum	22 Watts
Linear	1 to 900 MHz: 10.0 Watts 900 to 1,000 MHz: 8.0 Watts
Flatness	
Maximum	$\pm 1.5$ dB
Typical	$\pm 1.0$ dB
Power Gain	40 dB Minimum
Input Impedance	50 Ohms; VSWR 2.0:1 max.
Output Impedance	50 Ohms nominal
Reverse Isolation	Greater than 45 dB
Class of operation	A
RF Connectors	Type N female
Weight	63 Lbs. (28.6 Kg)