

AMP2071-2 SOLID STATE HIGH POWER AMPLIFIER

Foldback @ preset limit

N-Female

FEATURES

Designed for EMI/RFI, lab, CW/Pulse and all communication applications Small form factor, rack mounted system

Class A/AB Linear design

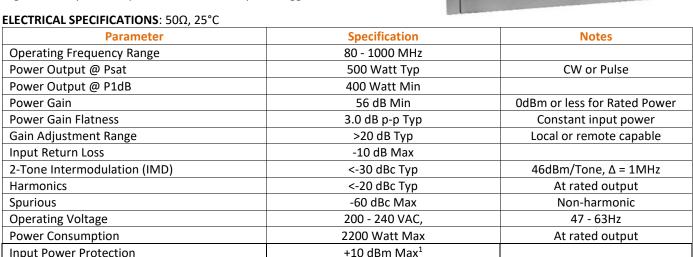
High power advanced technology devices

Instantaneous ultra-wide bandwidth

Built-in protection circuits, with extensive monitoring

Local LCD & remote flexible interfaces

High efficiency, with unprecedented reliability and ruggedness



¹ Units with optional digital monitor and control, for basic units <10 Sec without damage

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes	
Operating Ambient Temperature	0 to +50 °C		
Storage Temperature	-40 to +85 °C		
Relative Humidity	up to 95 %	Non-condensing	
Altitude	3000 meters		
Shock & Vibration	Normal transport ³		

4:1: Max2

-50 dB

Load VSWR Protection

Sample Port (optional)

MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions W x H x D	421 x 222x 560 mm	5U, excluding handles
Weight	40 Kg. Max	
RF Conn. In / Out / Sample (optional)	N-Female	Front or rear panel
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub	Or equivalent
Cooling	Built in Fan Cooling	Variable speed
OPTIONAL: Digital Monitor & Control (DMC)	Ethernet RJ-45 TCP/IP, RS422/485, USB	
FWD, REV, VSWR, GAIN, ALC, V & I, TEMP,	Optional GPIB Interface	IEEE rear panel
Optional Safety Interlock (INT)	Open=STBY/Short=RFON	BNC-F rear panel

² Units with optional digital monitor and control, for basic units <1 minute at rated Pout

³ MIL Spec available for quotation



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AVAILABLE SPECIAL OPTIONS

Parameter	Specification	Notes
Option FRS: Forward RF Sample	-50dB, Type N-Female	Front or rear panel
Option RRS: Reflected RF Sample	-40dB, Type N-Female	Front or rear panel
Option GPIB: GPIB remote control	GPIB IEEE-488 Remote capability	
Option BST: Battle-short	Disables faults during critical applications	Front or rear panel
Option BSW: Band-Switching	Dual-RF outputs as needed	Steering to Antennas or as needed
Option SCF: SC Female for RF Output	High Power SC Female Output connector	Front or rear panel
Included CPM: Calibrated Power Monitoring	Offset correction entry for +/- 0.2dB accuracy	11-points standard ⁴
(With purchase of Option DMC)		

⁴ Consult with factory if additional points would be required.

OUTLINE DRAWING

SHOWN WITH LCD DIGITAL CONTROLLER

