



AMP2059 SUITE SOLID STATE HIGH POWER AMPLIFIERS

FEATURES

Rack mounted systems
 Instantaneous wide bandwidth
 Suitable for all modulations standards
 Built-in protection circuits
 High reliability and ruggedness



ELECTRICAL SPECIFICATIONS

MODEL		AMP2059A	AMP2059B	AMP2059C
PARAMETERS	LIMIT	SPECIFICATIONS		
Frequency Range	Min	25-1000MHz / 1.0-6.0GHz	6-18GHz / 18-26.5GHz	24-31 / 31-37GHz
Saturated Output Power	Min	10W / 30W	20Watt / 10Watt	6Watt
Small Signal Gain	Min	40dB / 45dB	43dB / 40dB	45dB / 40dB
Gain Flatness	Max	6dB p-p		
Input Return Loss	Min	10dB		
Noise Figure	Min	10dB		
Harmonics	Max	-20dBc	-20dBc / -25dBc	-25dBc
Non Harmonics Spurious	Max	-60dBc		
Operating Voltage	Nom	100 - 240VAC		
AC Power Consumption	Max	400Watt	570Watt	230Watt
Max Input Power	Max	+5dBm		
Load VSWR Protection	Max	5 : 1		

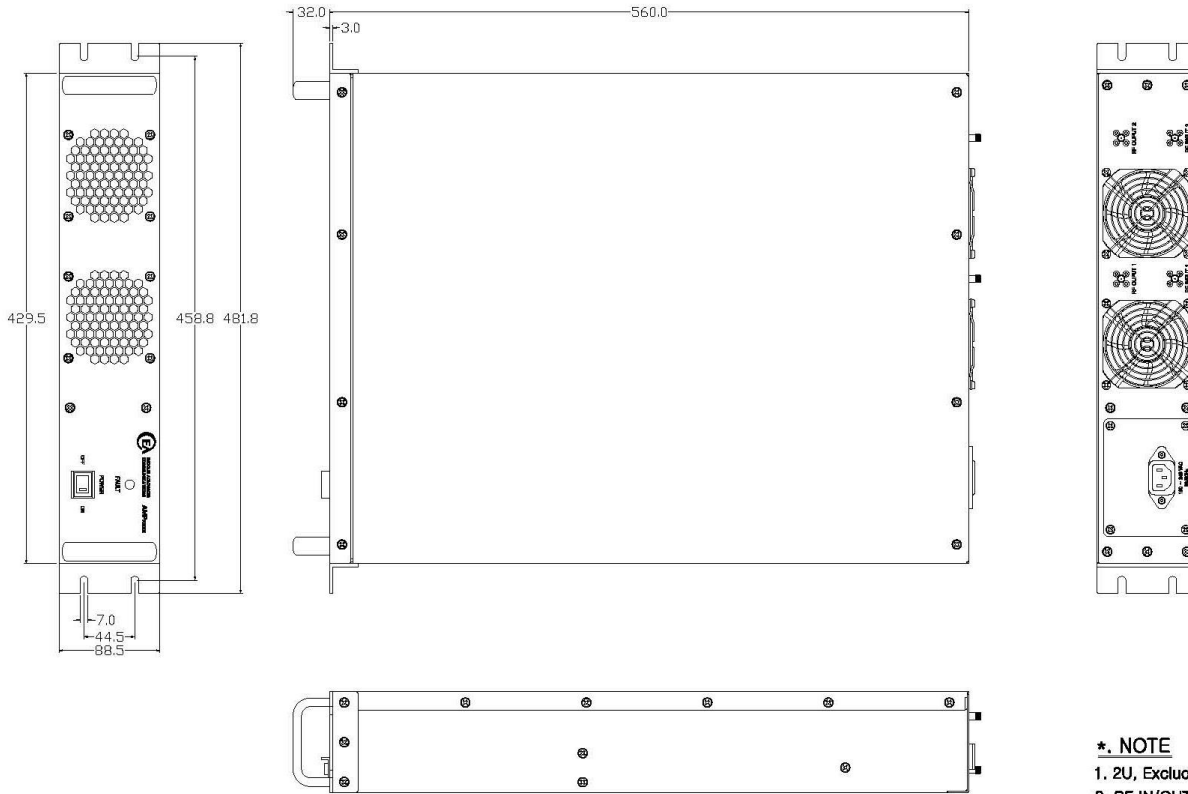
ENVIRONMENTAL CHARACTERISTICS

PARAMETERS	SPECIFICATIONS
Operating Ambient Temperature	0 to +50 °C
Storage Temperature	-20 to +75 °C
Relative Humidity	5 to 95 % Non-Condensing

MECHANICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS		
Dimensions W x H x D	430 x 88 x 560 mm	430 x 133 x 558 mm	430 x 88 x 560 mm
Outline Drawing	I	II	III
Weight			
RF Connectors In/Out	Type-N Female	High Frequency SMA-F	Waveguide
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub		
Cooling	Built in Fan Cooling		

OUTLINE DRAWING I

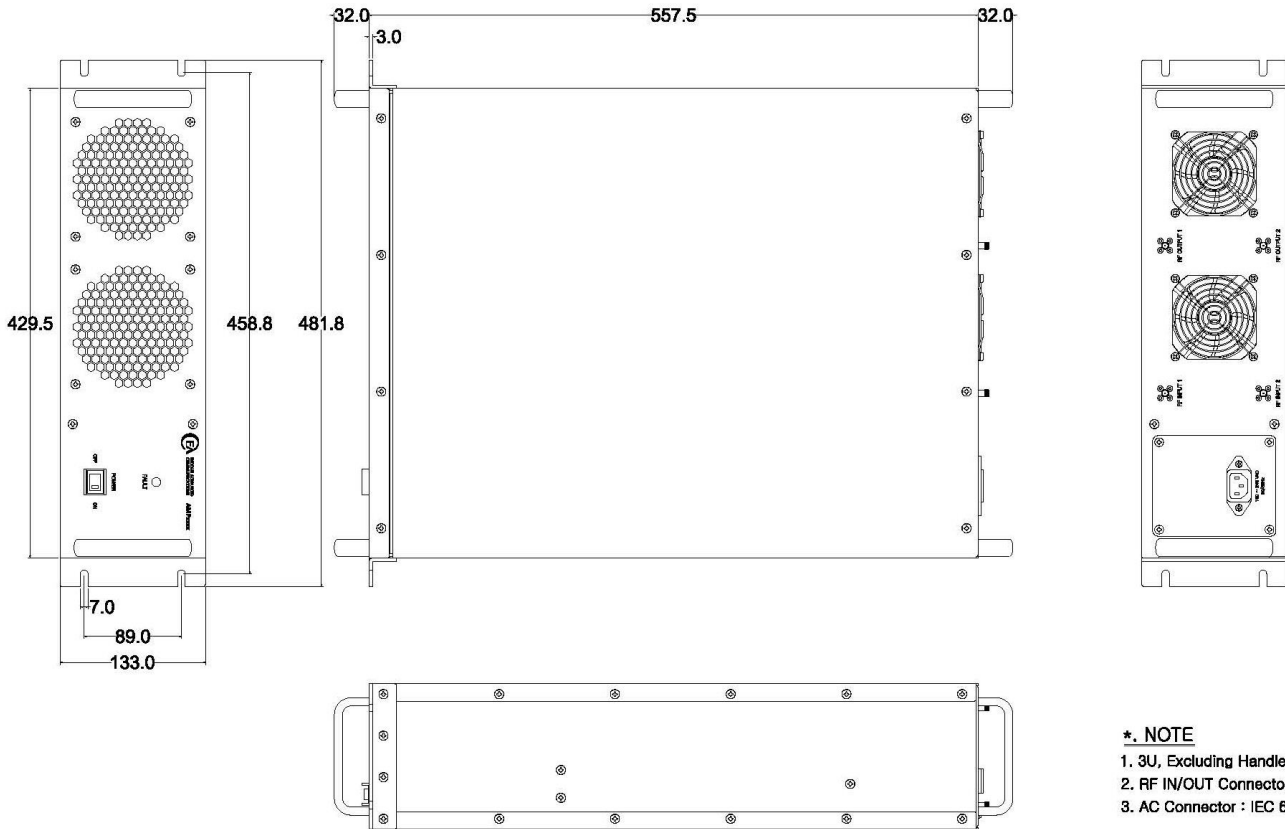


***. NOTE**

1. 2U, Excluding Handles
2. RF IN/OUT Connector : SMA Female
3. AC Connector : IEC 60320-C14

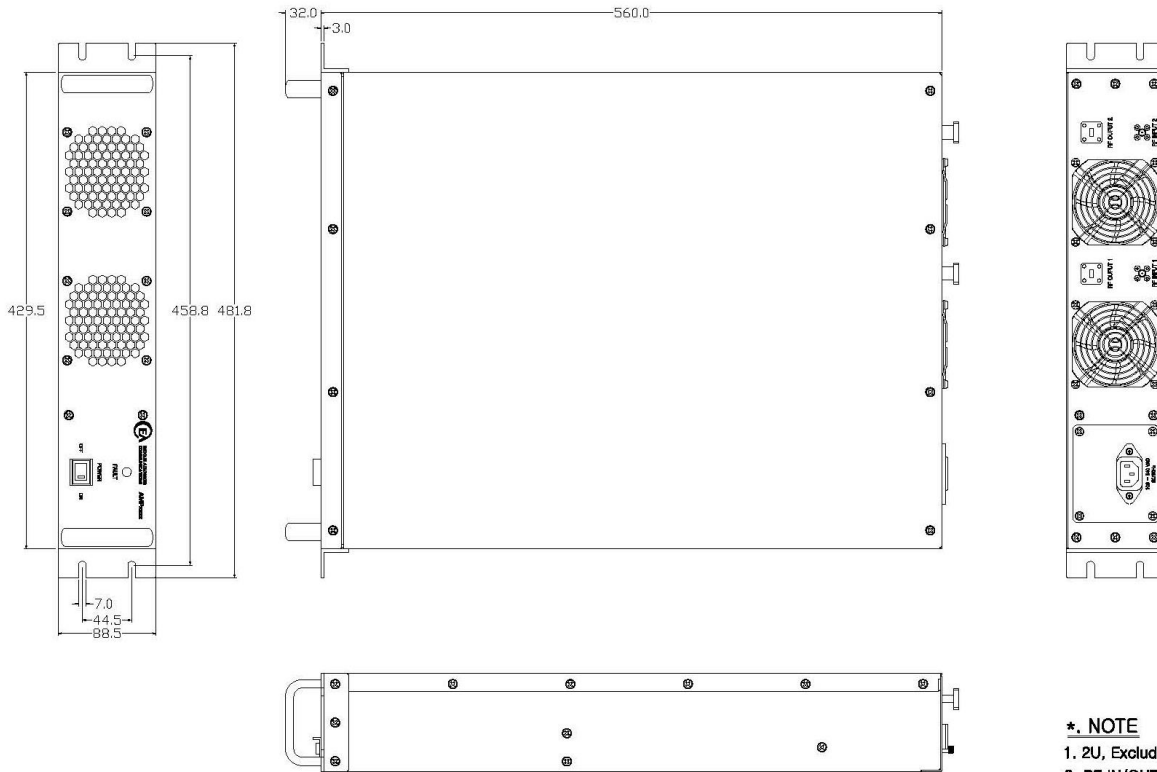
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OUTLINE DRAWING II



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OUTLINE DRAWING III



- *. NOTE**
1. 2U, Excluding Handles
 2. RF IN/OUT Connector : K type Female/WR28
 3. AC Connector : IEC 60320-C14