HD32105
SOLID STATE HIGH POWER AMPLIFIERS

FEATURES

High frequency, high power 3-Bands
3 inputs and 3 outputs
3 separate On/Off switches, 3 manual gain adjust dials
Designed for broadband EMI/RFI, Lab, Communication applications
Suitable for all single channel modulations standards
Rack mount chassis
Built-in protection circuits
High reliability and ruggedness



ELECTRICAL SPECIFICATIONS

Parameter	Specification			Notes
MODEL	**Band A**	**Band B**	**Band C**	
Frequency Range	18 - 26.5 GHz	26.5 - 31.5 GHz	31.5 - 40 GHz	Limit : Min
Saturated Output Power CW	10 Watt Min	8 Watt Min	8 Watt Min	
Output Power @ P1dB CW	8 Watt Typ	6 - 8 Watt Typ	7 Watt Typ	
Small Signal Gain	40 dB Min			
Gain Adjustment Range	15 dB Min			
Gain Flatness	6 dB p-p Max			
Input Return Loss	-10 dB Max			
Noise Figure	10 dB Min			
Harmonics	-20 dBc Max			
Non-Harmonics Spurious	-60dBc Max			
Operating Voltage	100 - 240 VAC Nom			
AC Power Consumption	700 Watt Max			
Max Input Power	0 dBm <10 Sec without damage Max			
Load VSWR Protection	5 : 1 <1 Minute @ rated Pout Max			

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Ambient Temperature	0 to +50 °C	
Storage Temperature	-20 to +75 °C	
Relative Humidity	5 to 95 % Non-condensing	

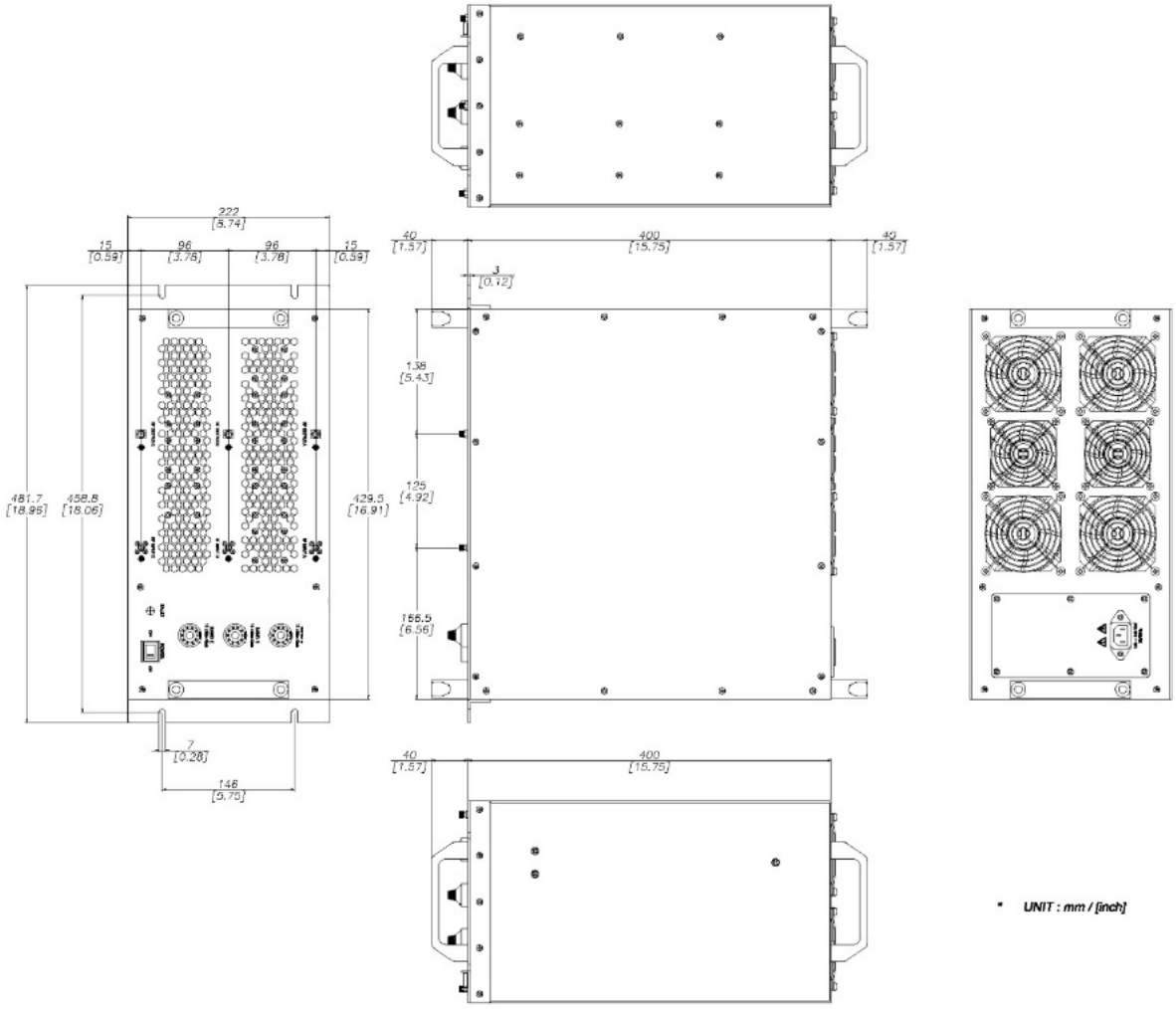
MECHANICAL SPECIFICATIONS

Parameter	Specification			Notes
Dimensions W x H x D	482 x 222 x 400 mm (Short 5U Rack)			
Weight	26.5 kg.			
RF Connectors - Standard Configuration	Front Panel - 2.92 mm K female			
Optional: Connectors In - Front /Out - Rear	2.92 mm KF / WG42	2.92 mm KF / WG34	2.92 mm KF / WR28	
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub			
Cooling	Built in Fan Cooling			

338 Jericho Tpk, Unit 387 Syosset, NY 11791 Phone: 631-588-3877
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Specifications subject to change without notice.
Specifications and drawings may vary with selected options.

OUTLINE DRAWING
STANDARD CONFIGURATION

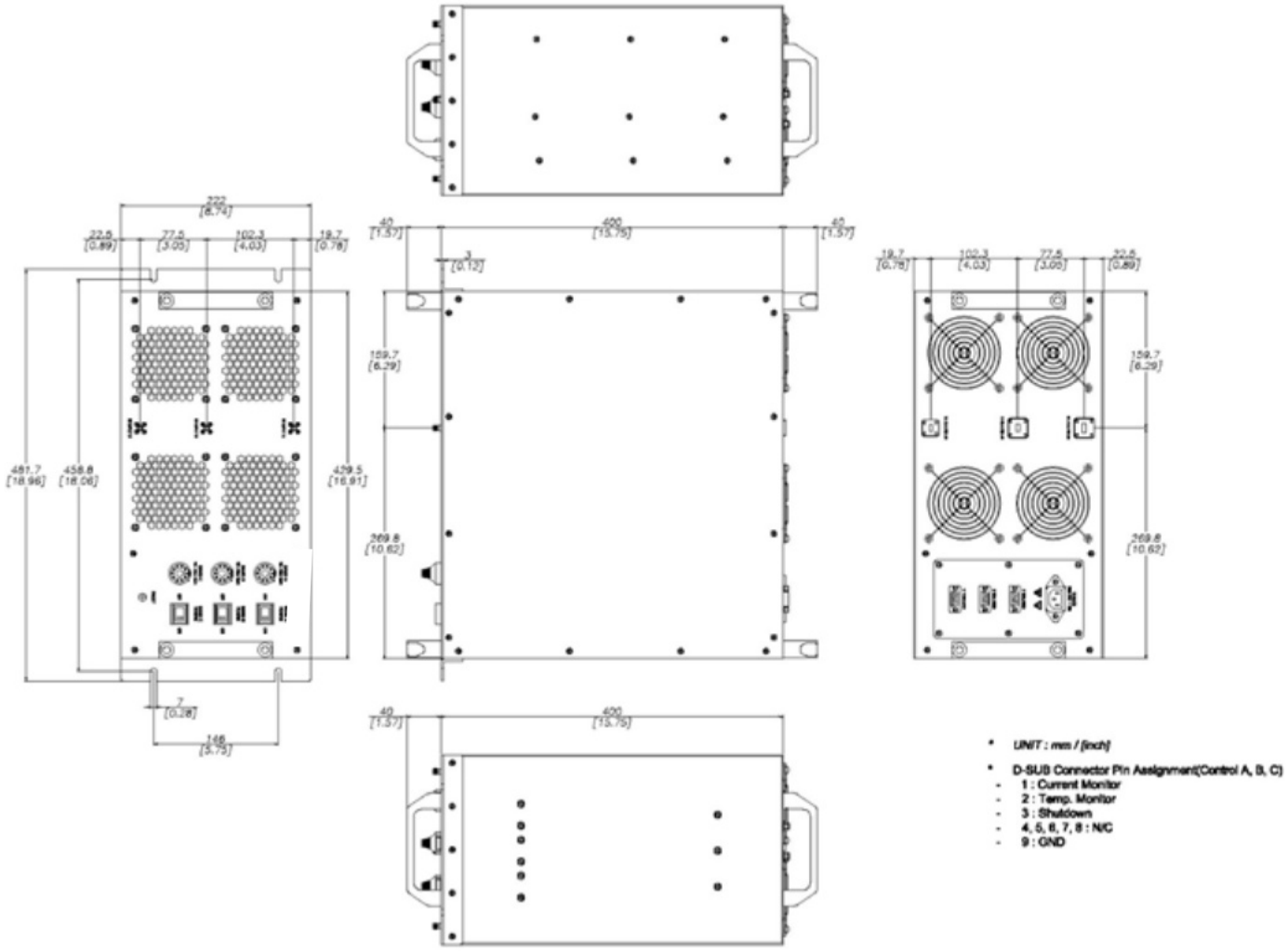


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OUTLINE DRAWING



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