HD32088
SOLID STATE HIGH POWER AMPLIFIERS

FEATURES

High power ultrawide bandwidth, 2-Bands
2 inputs and 2 outputs, rack mount chassis
Suitable for all single channel modulation standards
Built-in protection circuits
High reliability and ruggedness



ELECTRICAL SPECIFICATIONS

MODEL	Band A	Band B
PARAMETERS	SPECIFICATIONS	
Frequency Range	2.0 - 6.0 GHz	6.0 - 18.0 GHz
Saturated Output Power CW	20 Watt Min	20 Watt Min
Small Signal Gain	43 dB	
Power Gain Flatness	4 dB p-p Max	
Input Return Loss	10 dB Min	
Noise Figure	10 dB Max	
Harmonics	-20 dBc Typ	
Non-Harmonics Spurious	-60dBc Max	
Operating Voltage	100 - 240 VAC Nom	
AC Power Consumption	250 Watt Max	500 Watt Max
Max Input Power Protection	+ dBm	
Load VSWR Protection	5 : 1 Max no damage	

ENVIRONMENTAL CHARACTERISTICS

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

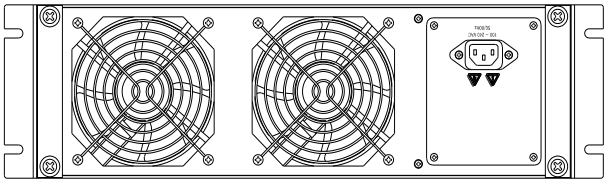
MECHANICAL SPECIFICATIONS

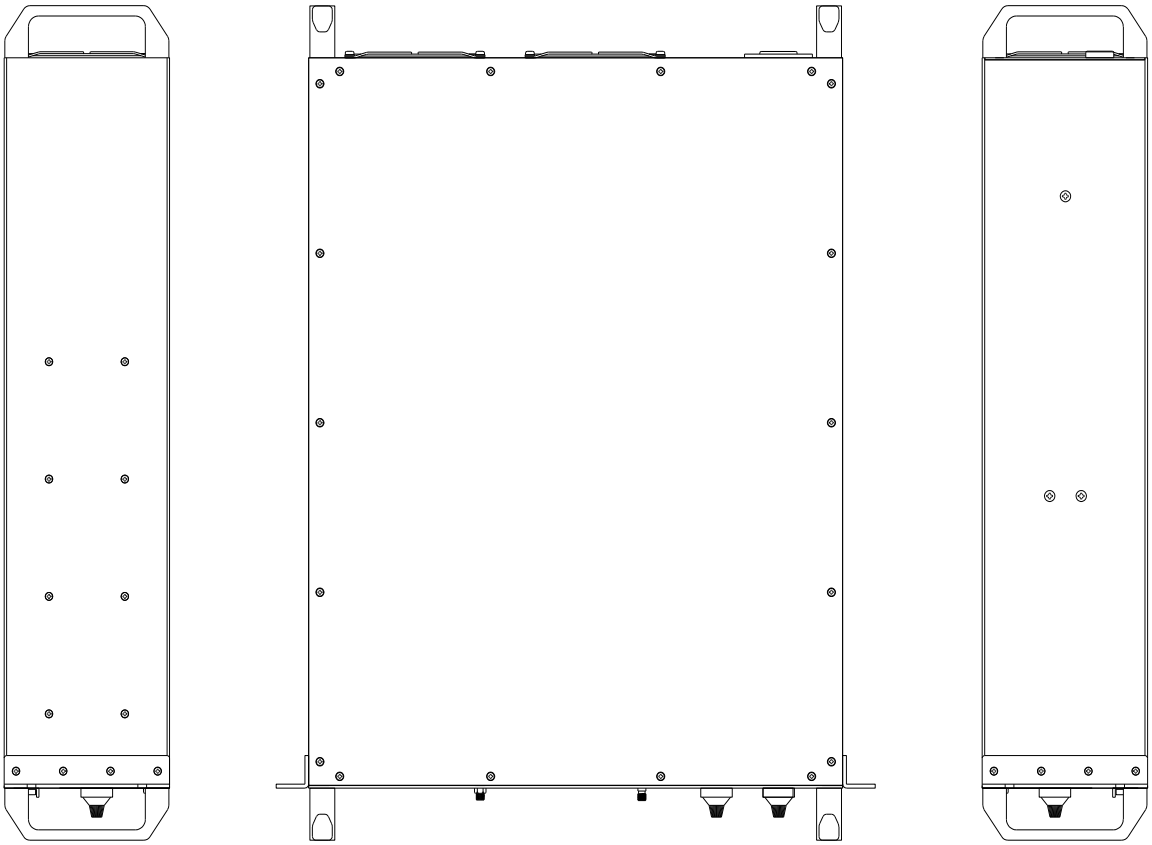
PARAMETERS	SPECIFICATIONS
Dimensions W x H x D	430 x 133 x 558 mm (3U rack mounted chassis)
Weight	20 kg.
RF Connectors In/Out	SMA Female
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub
Cooling	Built in Fan Cooling

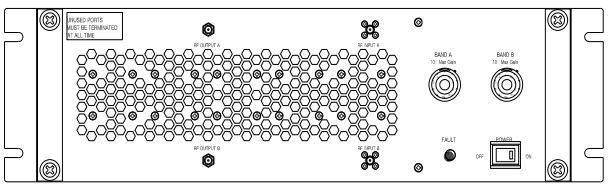
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OUTLINE DRAWING







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