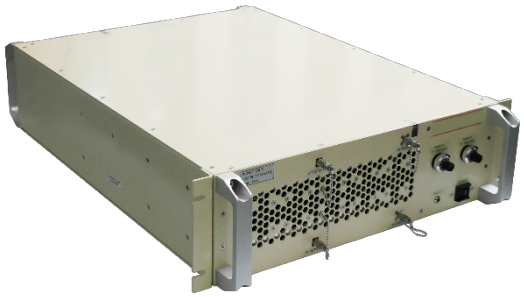
HD Communications Corp.

HD32106
SOLID STATE HIGH POWER AMPLIFIERS

FEATURES

High frequency, high power 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	LIMIT	SPECIFICATIONS	
Frequency Range	Min	26.5 - 31.5 GHz	31.5 - 40.0 GHz
Saturated Output Power CW	Min	10 Watt	10 Watt Typ
Small Signal Gain	Min	40 dB	
Gain Flatness	Max	6 dB p-p	
Input Return Loss	Min	10 dB	
Noise Figure	Min	10 dB	
Harmonics	Max	-20 dBc	
Non Harmonics Spurious	Max	-60dBc	
Operating Voltage	Nom	100 - 240 VAC	
AC Power Consumption	Max	450 Watt	500 Watt
Max Input Power	Max	0 dBm	
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

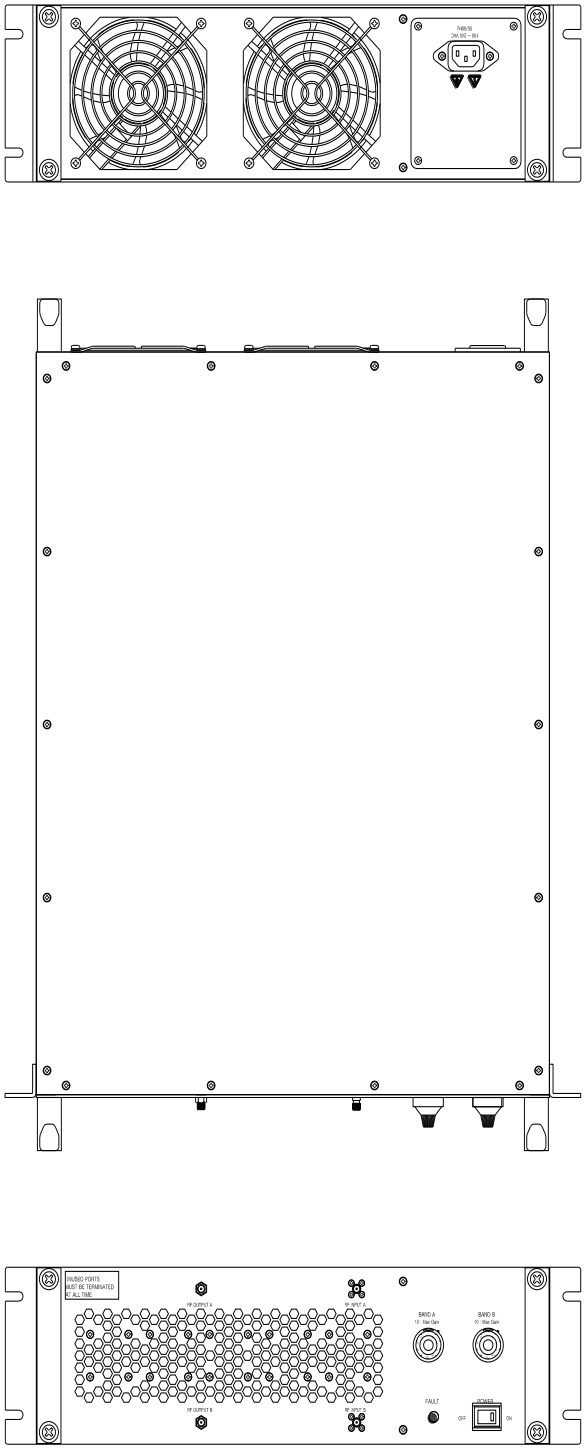
PARAMETERS	SPECIFICATIONS
Dimensions W x H x D	430 x 133 x 558 mm (3U rack mounted chassis)
Weight	20 kg.
RF Connectors In/Out	2.92 mm Female
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub
Cooling	Built in Fan Cooling

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OUTLINE DRAWING



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