

AMP 4kHz ... 400 MHz

Solid State Amplifiers

STANDARD MODELS

Model	Frequency Range	Output Power @ Psat	Output Power @P1 dB	Gain Max, / typ dB	Harmonics 2nd / 3rd dBc	Gain Flatness dB	Line Power VA	Dimensions (H, D)	Weight kg
AMP-4k400M110W	4kHz...400 MHz	110W	60W(Typ.)	57/53	-20	±3.5	220/10	4 HU	30
1HU = 44.45 mm									

STANDARD SPECIFICATIONS

Input Power:	0 dBm (1 mW) max.
Overdrive Protection:	up to +10 dBm for no damage
Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Input VSWR:	<2:1 typ.
Output VSWR Protection:	6:1
Spurious (at PN):	-60 dBc typ. (excluding harmonics)
Class of Operation:	A-linear or AB-linear



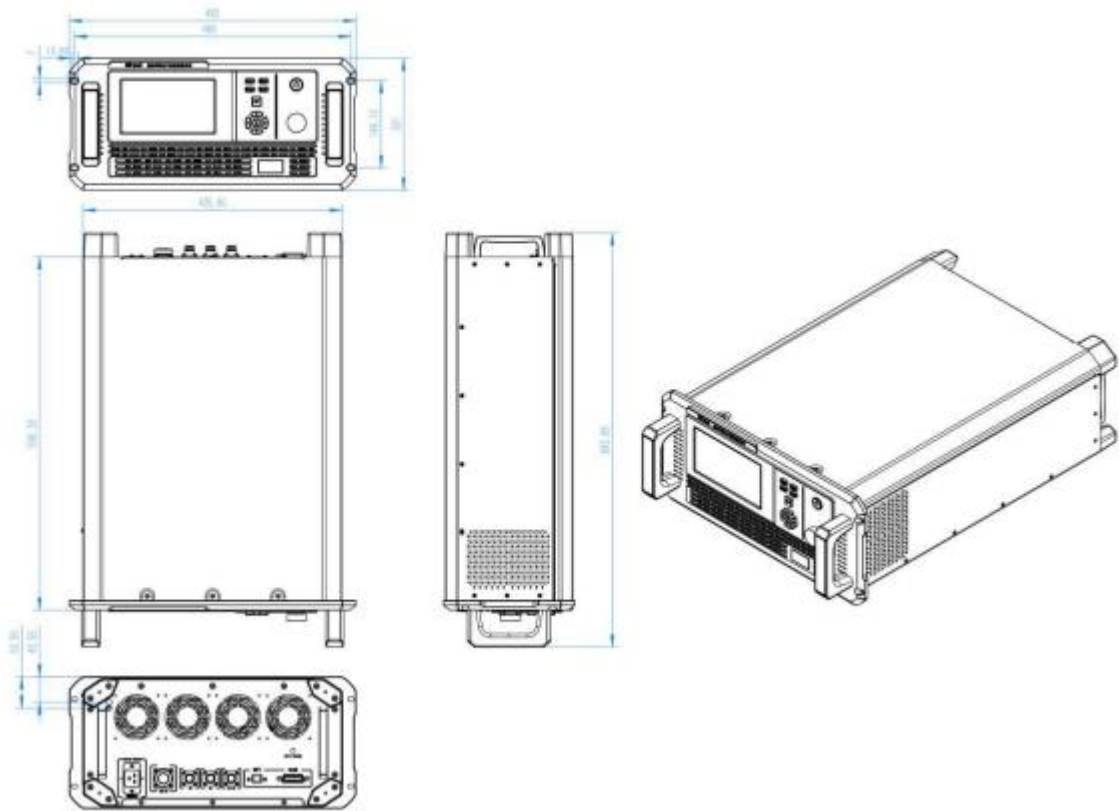
GENERAL SPECIFICATIONS

RF Input:	N-f
RF Output:	N-f
Coupling Interface:	S-f
Control Interface:	GPIO/LAN
Mains Supply:	100 ... 240 VAC ±10%, 47 ... 63 Hz
Operating Temperature:	0 ... +70 °C
Storage Temperature:	-20 ... +85 °C
Relative Humidity:	up to 95% (non-condensing)
Operating Altitude:	up to 2000 m above sea level
Atmospheric Pressure:	80...106 kPa
Vibration and Shock:	MIL-STD-810 G
Cooling:	forced air cooling
Power Consumption:	600W

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STANDARD DIMENSIONS



REAL MEASURED RESULT

