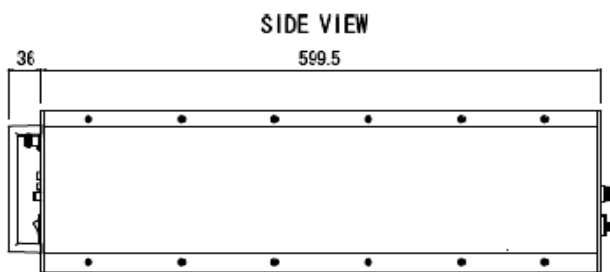
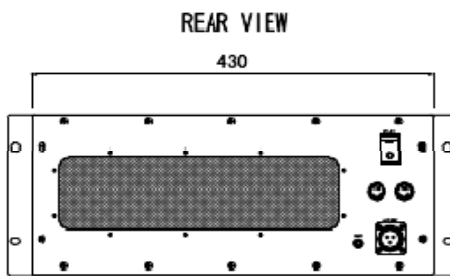
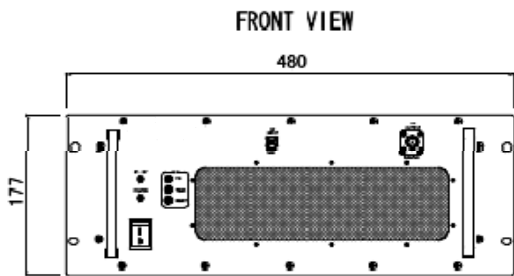


RF Power Amplifier, 0.8-3.0GHz, 47dBm Gain,
Female Connectors SMA Input / N Output, 50Watts min @1dB Comp.



Units: mm
Not to scale



Order Examples: RAMP-0.8-3.0-47d-Sf-Nf-50W-k5

Description: (RF Power Amplifier, 0.8-3.0GHz, 47dB Gain, Female Connectors SMA Input / N Output, 50Watts)

Specifications @ +25°C		Units
Frequency range	0.8-3.0	GHz
Small Signal Gain	+47	dB (min)
Gain Flatness	±2.0	dB (max)
Output Power	50	W (min) @ 1dB Comp.
Output I.C.P	+57	dBm (typ)
Harmonics	-18	dBc (max) @ Po=50W
Spurious	-60	dBc (max) @ Po=50W
Operation Mode	Class A	
Impedance	50	Ohms
Input VSWR	2.0	:1 (max)
Output VSWR	2.0	:1 (max)
AC Supply Input	AC100V±10% /1Ø 50/60Hz, 1.5kVA (max)	
Operating Temperature	-10 to +45	°C
Storage Temperature	-15 to +65	°C
Connectors	RF-IN	SMA –Female
	RF-OUT	N –Female
Size	(W)480 x (D)599.5 x (H)177	mm
Weight	35	kg (max)
Cooling	Forced Air cooling	

RF Power Amplifier, 0.8-3.0GHz, 47dBm Gain, Female Connectors SMA Input / N Output, 50Watts min @1dB Comp.

TYPICAL PERFORMANCE (Temp @+25°C)

