



RF-LAMBDA

The power beyond expectations

Ku-BAND WR75 60dB HIGH GAIN LOW NOISE POWER AMPLIFIERS



High Gain up to 60dB
Applicable for base station, repeaters of cellular network
LMDS multi-carrier operation
Aerospace and military applications
High Peak to average handle capability
High Linearity and low noise figure
All specifications can be modified upon request

Electrical Specifications			
Parameter	Notes	Type/ Max	Units
Gain		60/40,50(optional)	dB
Gain Flatness	Per 1000MHz Per 500MHz Per 40MHz	± 0.75 ± 0.5 ± 0.25	dB
VSWR	Input Output	1.25 / 1.3 1.5 / 2.0	
Power Output	at 1dB compression	$\geq +10 / \geq +20$ (option)	dBm
Group Delay (per 40MHz)	Linear Parabolic Ripple	0.02 0.003 0.2	dBc nS/MHz nS/(MHz×MHz)
Gain Stability (room temperature)	60minutes 24 hours One week	± 0.1 ± 0.2 ± 0.5	dB/hour dB/day dB/week
Interface & Frequency	WR75	(10-15GHz)	
Power Supply	Voltage Current	12-21 150	V mA
Operating Temperature	Outdoor	-40~+60	°C

PN: RLNA **WXXX** **GY** → Gain: 60dB / 50dB / 40dB / ... / 20dB
→ Waveguide Type W229 / W159 / W137

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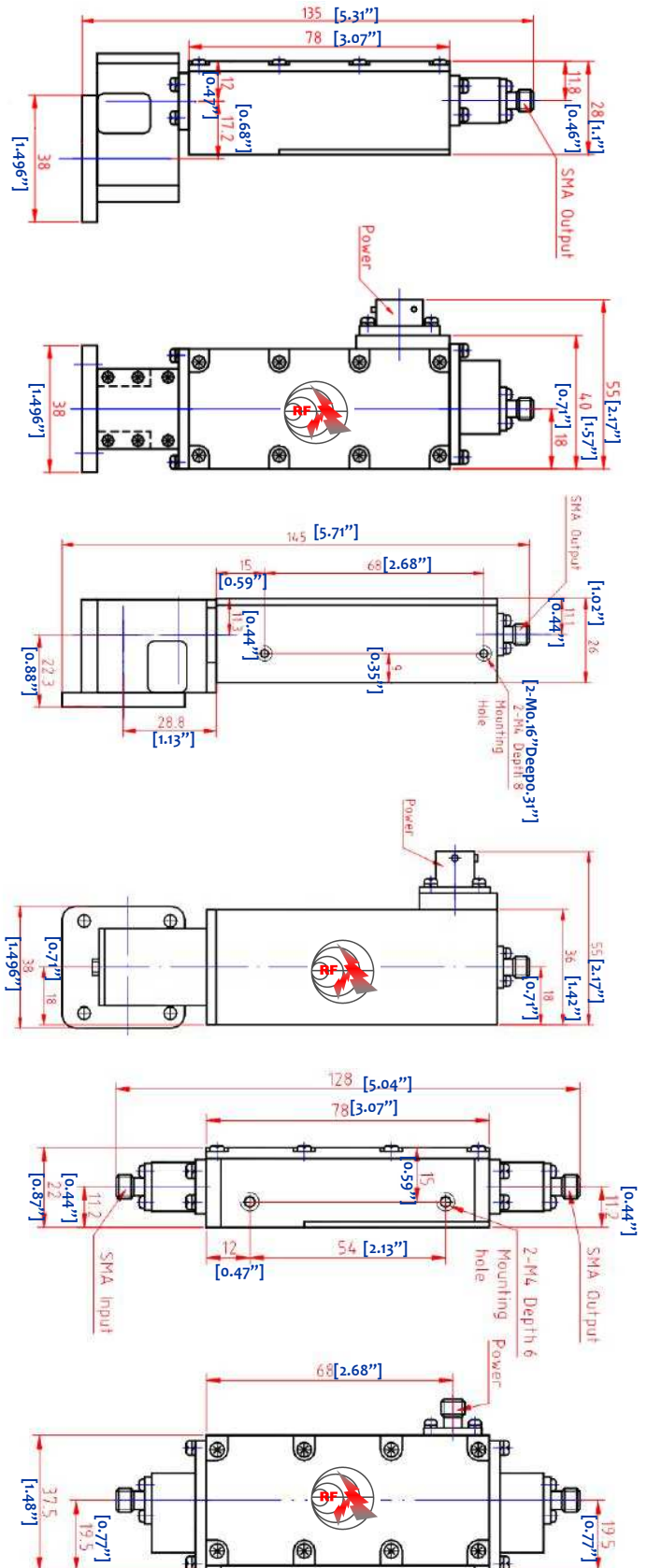
DRAWING:
Type one



DRAWING:
Type two



DRAWING:
Type three



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