RF-LAMBDA

The power beyond expectations

Ka-BAND WR42 WR34 60dB HIGH GAIN LOW NOISE POWER AMPLIFERS

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

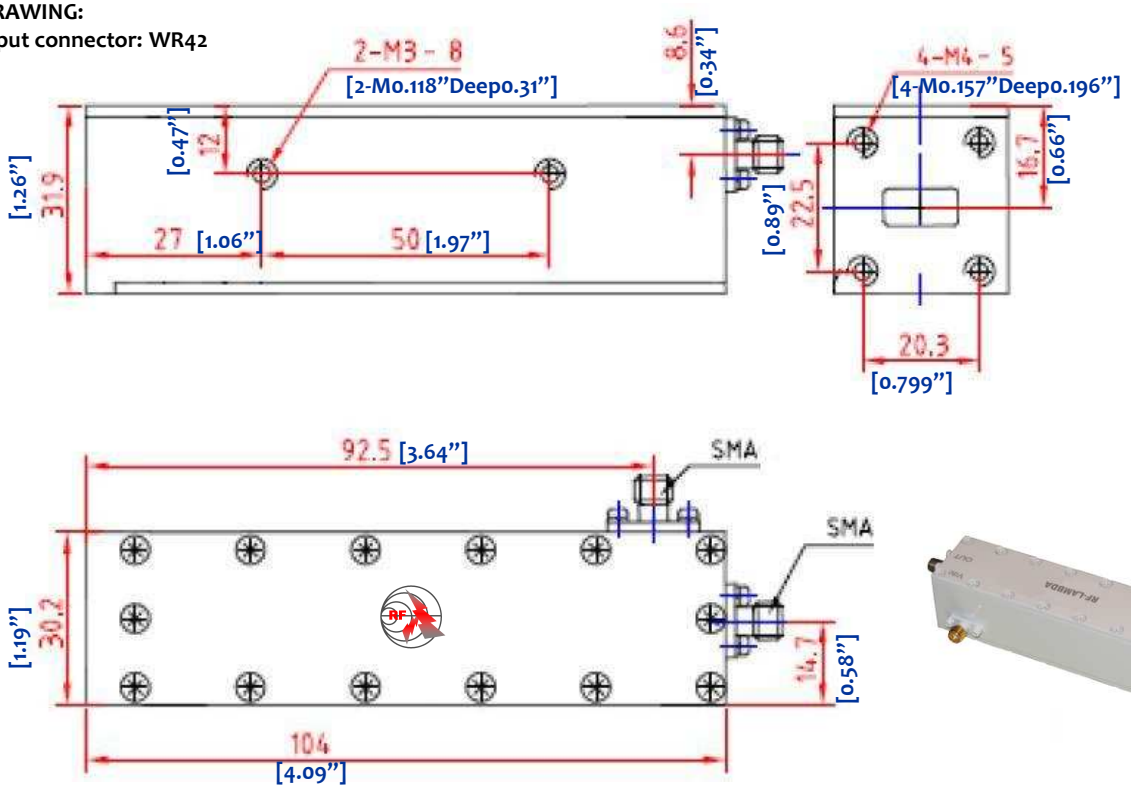
Electrical Specifications			
Parameter	Notes	Type/ Max	Units
Gain		50/60(optional)	dB
Gain Fletness	Per 1000MHz Per 500MHz Per40MHz	±0.75 ±0.5 ±0.25	dB
VSWR	Input Output	2.0 / 3.0 2.0 / 3.0	
Power Output	at 1dB compression	≥+5	dBm
Group Delay (per 40MHz)	Linear Parabolic Ripple	0.02 0.003 0.2	dBc nS/MHz 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	WR42 input WR34 input	(18.0-26.5GHz) (22.0-33.0GHz)	Output (SMA/N)
Power Supply	Voltage Current	12-21 120	V mA
Operating Temperature	Outdoor	-40~+60	℃

PN: RLNAWXXGYY

- WXX → Gain: 60dB / 50dB/ 40dB/… /20dB
- G → Waveguide Type W229 / W159/W137

Ka-BAND WR42 wr34 60dB HIGH GAIN LOW NOISE POWER AMPLIFERS

DRAWING:
Input connector: WR42



DRAWING:
Input connector: WR34