



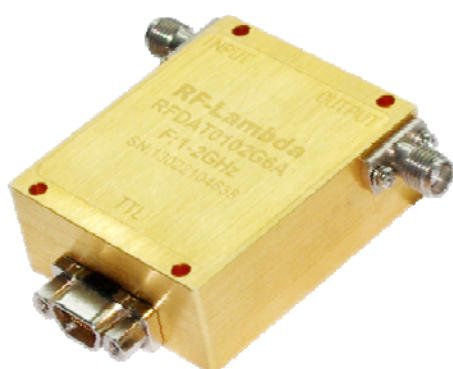
RF-LAMBDA

The power beyond expectations

RFDAT0102G6R

64dB 6 Bits Digital Control Attenuator 1.0-2.0GHz

Features



- Wide Band Operation 1.0-2.0GHz
- High Dynamic range 64 bits with 1dB step
- Flat frequency response with low attenuator error.
- High Power Handle Capability up to 20W upon request.
- Temperature Range -40°C~+85°C
- Customization available upon request

Single Port Reflective Digital Control Attenuator

Frequency (GHz)	Insert. Loss (dB)	VSWR	Control bits	Step (dB)	Attenuation Range (dB)	Flatness (dB)	Power (Watts)	Speed
1-2	2.5	1.5	6	1	63	± 0.5	5-20W	50ns

All logic “0” for Reference I.L.

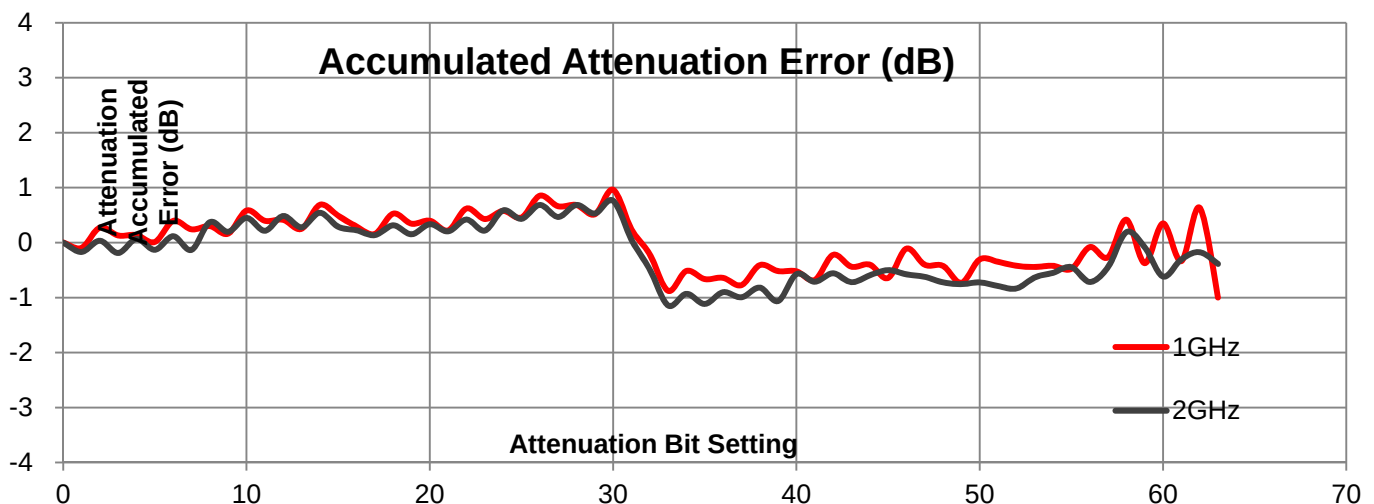
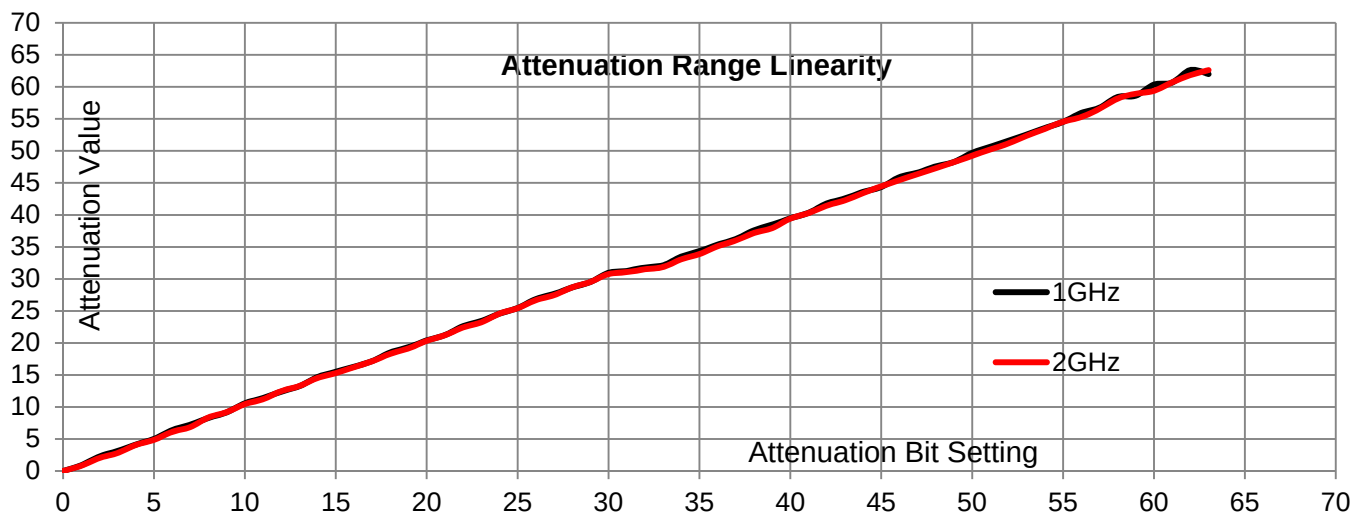
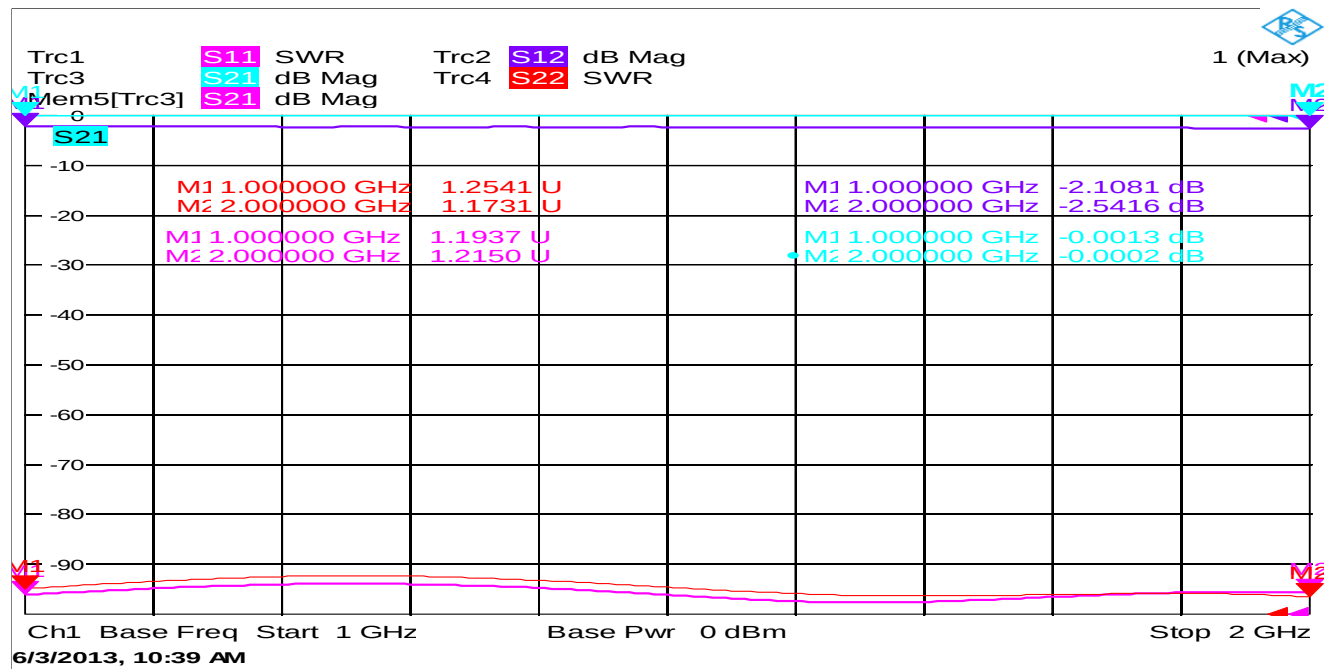
Electrical Operation

Control DC : $\pm 5V$
Max Current: 180mA
High Digital Biasing is required for high RF power model.

Mechanical Specification

Case Style: As shown
Finishing: Gold plating for brass material
Other finishing available
Connector: SMA-F Per MIL-C-39012
Seal: Laser Seal
Control PIN: 0.02” dia x 0.15” solder pins
Weight: 200 grams max.

Reflective Digital Control Attenuator 1.0-2.0GHz



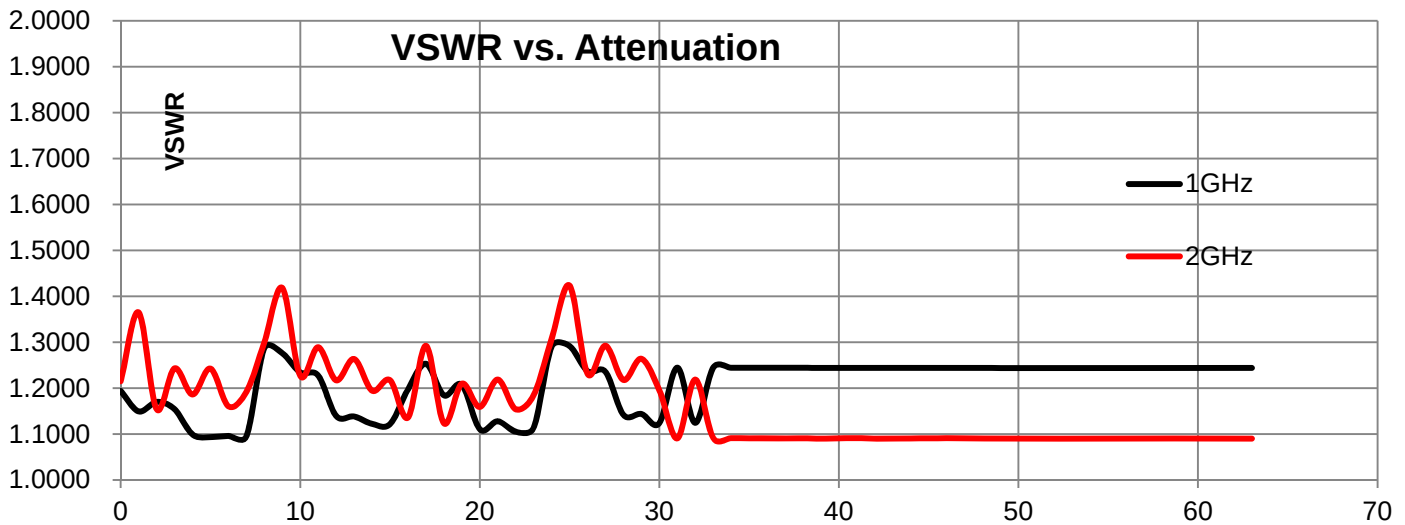
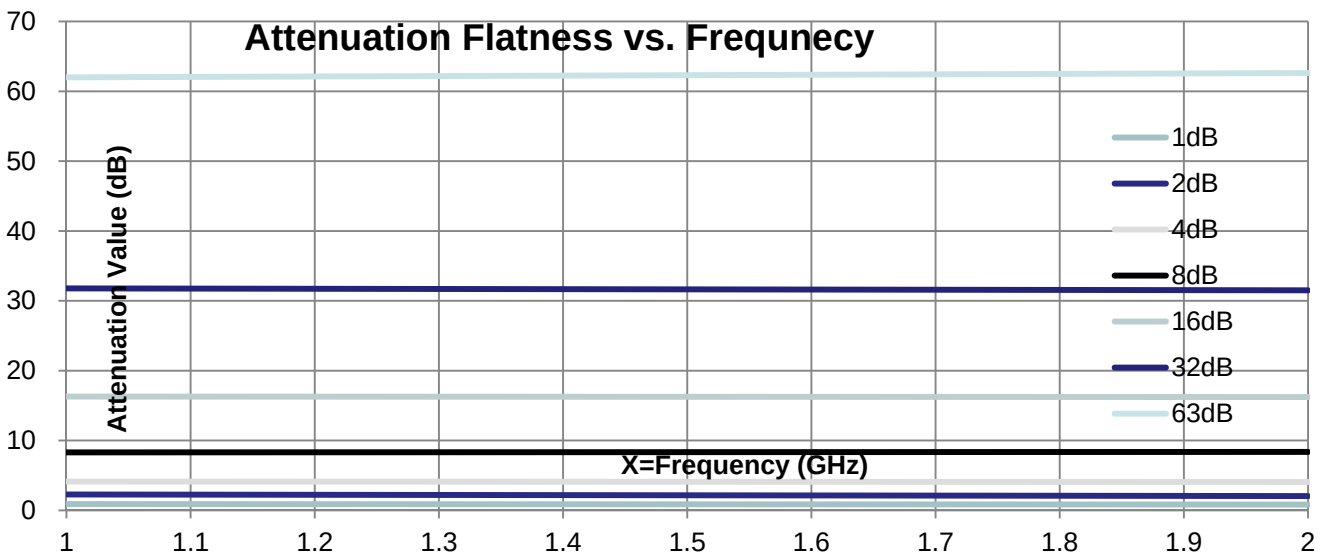
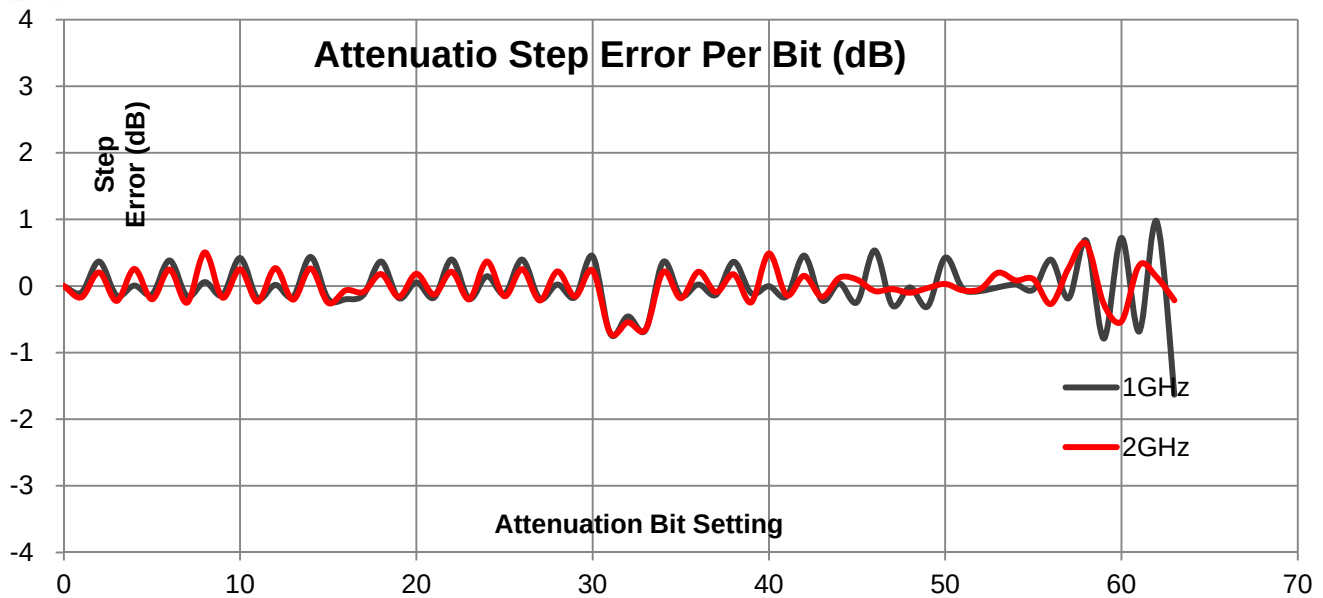


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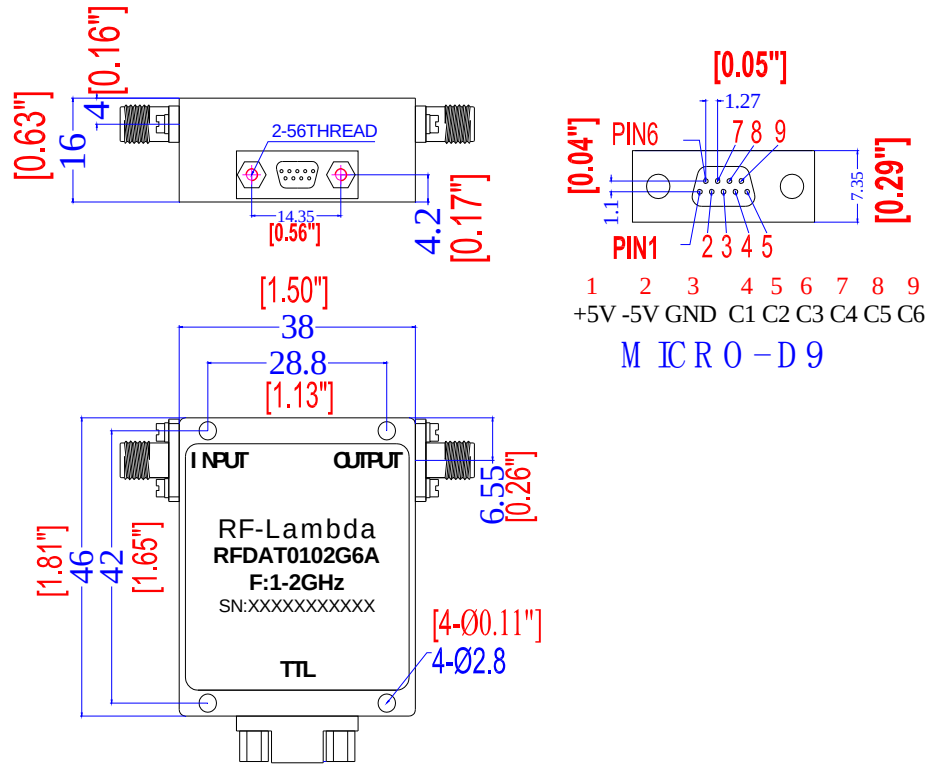




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Reflective Digital Control Attenuator 1.0-2.0GHz