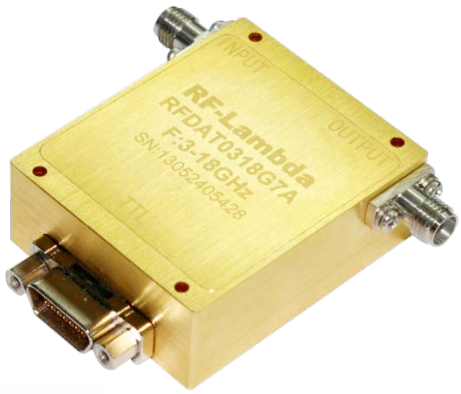
7 Bits 64dB Digital Control Step Attenuator 3-18GHz

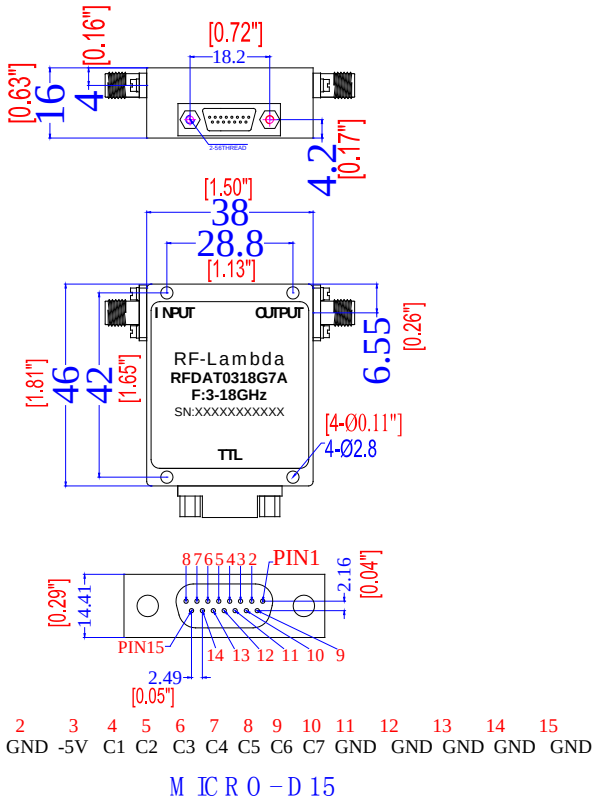


Features

- Wide Band Operation 3-18GHz
- High Power Handle Capability up to 1W upon request.
- Temperature Range -40°C~+85°C
- Customization available upon request
- High dynamic range with flat frequency response.
- Low step and accumulated error.
- Widely used in radar and satellite application.

RoHS Compliant

Single Port Absorptive Digital Control Attenuator								
Part Number	*Frequency (GHz)*	*Insert. Loss (dB)*	*VSWR*	*Control bits*	*Step (dB)*	*Attenuation Range (dB)*	*Flatness (dB)*	*Power (Watts)*
RFDAT0318G7A	*3-18*	*13*	*1.5*	*7*	*0.5*	*63.5*	*±1.0*	*1W P1*



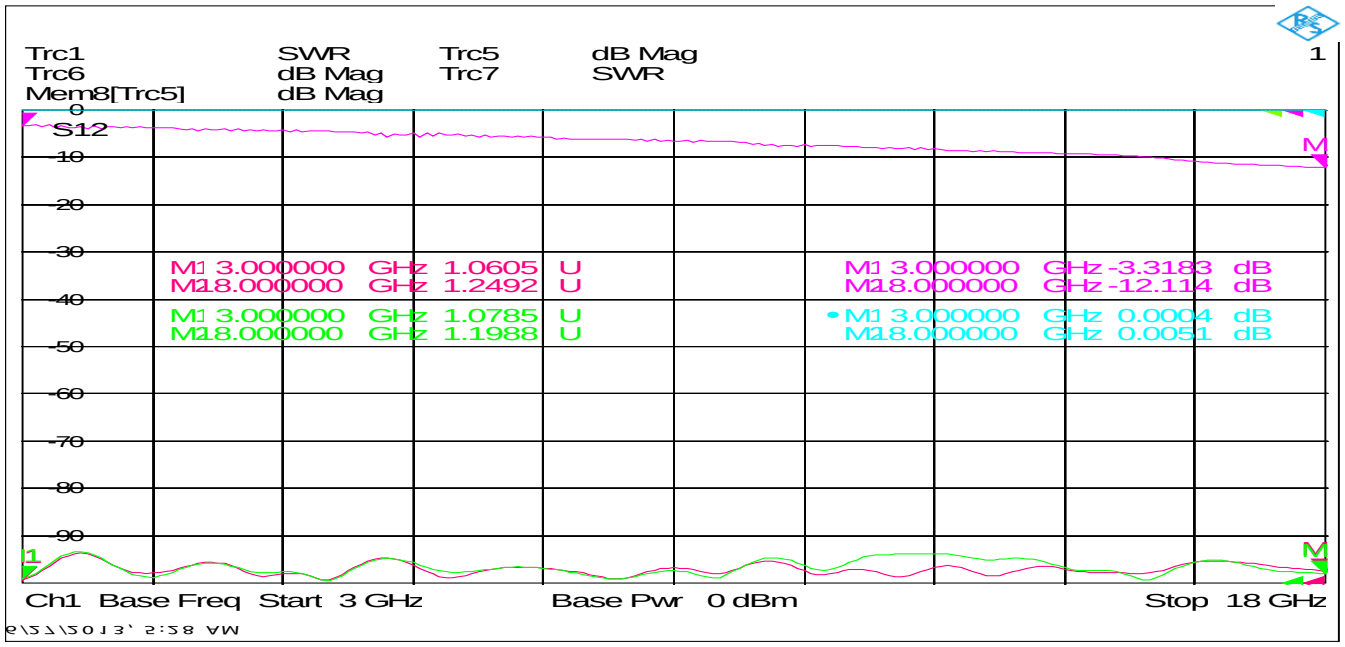
Electrical Operation

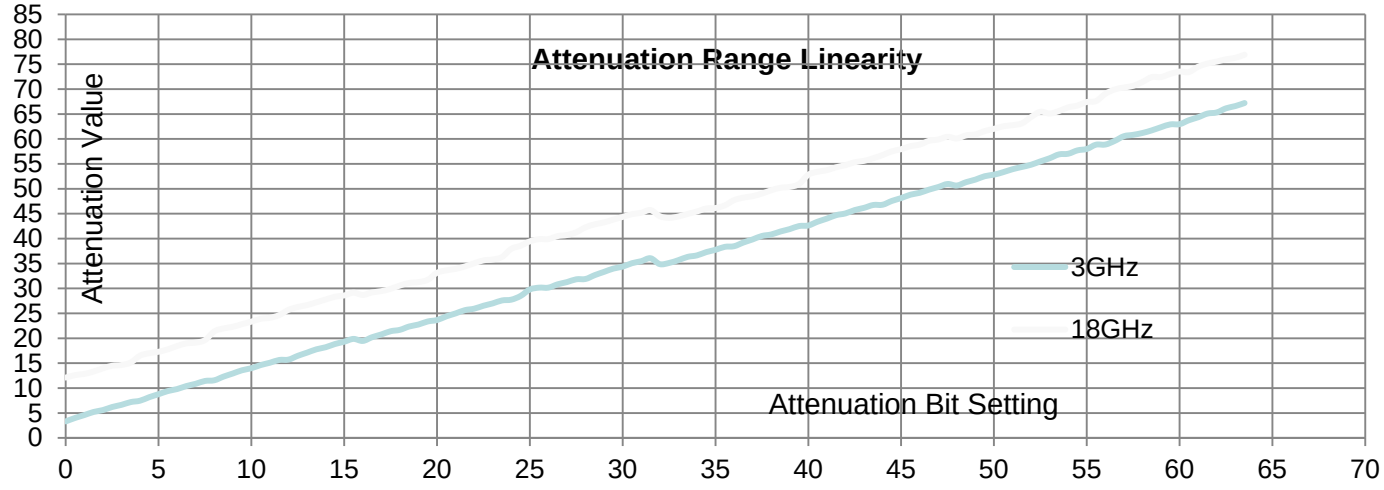
Control DC : +5V (100mA) -5V (100mA)
High Digital Biasing is required for high RF power model.

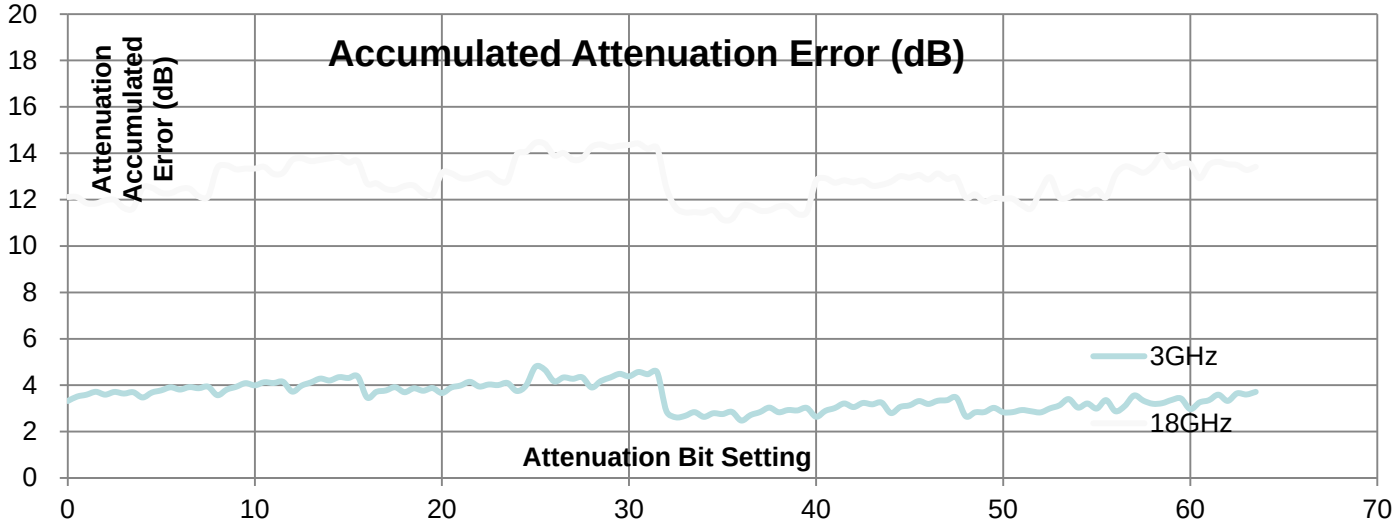
Mechanical Specification

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: 100 grams max.

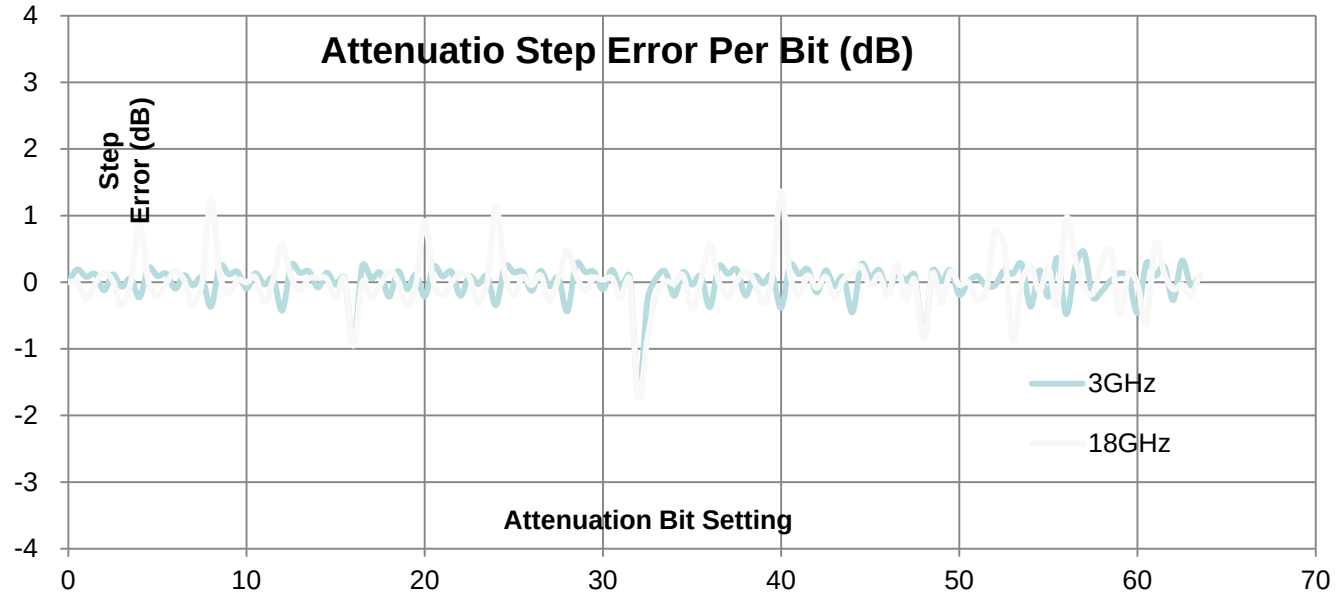
7 Bits 64dB Digital Control Step Attenuator 3-18GHz

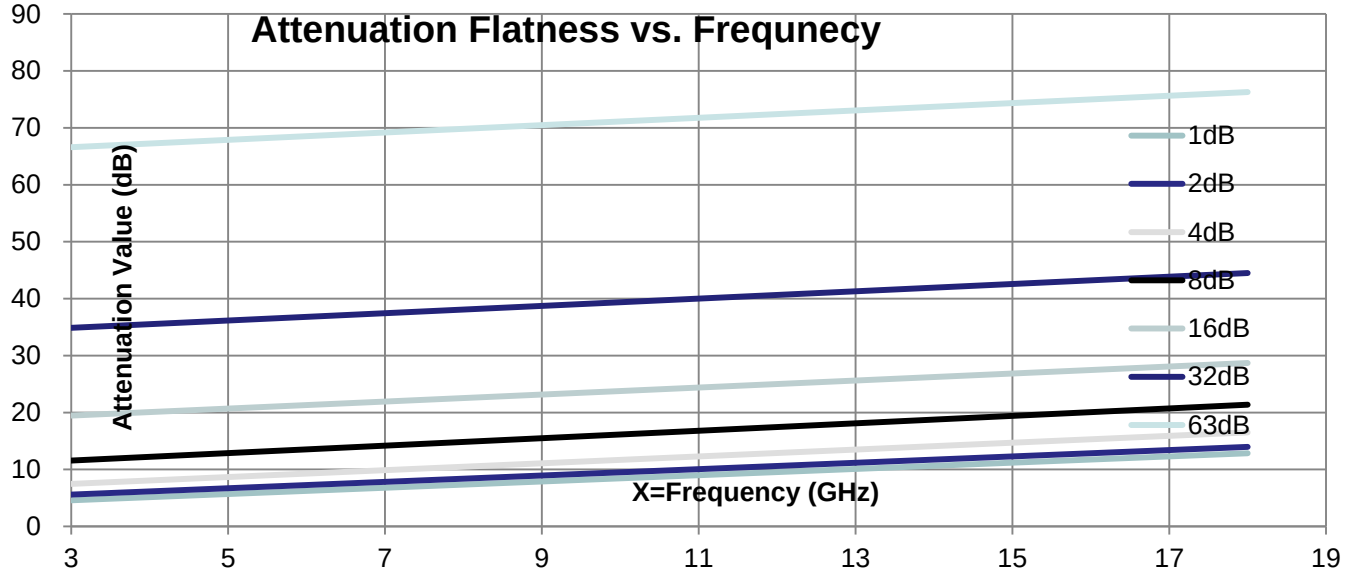


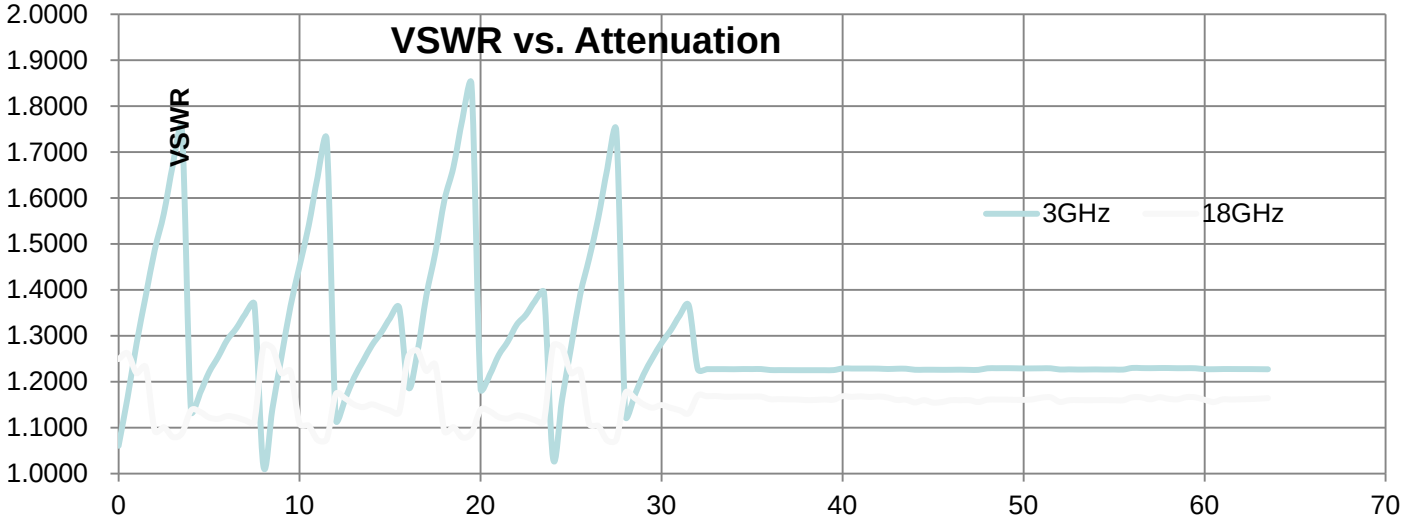




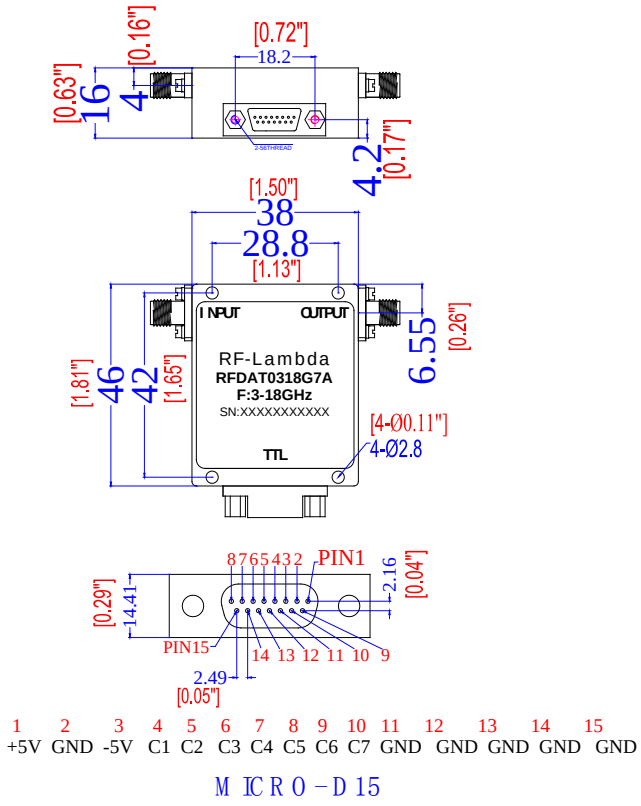
7 Bits 64dB Digital Control Step Attenuator 3-18GHz







7 Bits 64dB Digital Control Step Attenuator 3-18GHz



Important Notice

The information contained herein is believed to be reliable. RF-Lambda makes no warranties regarding the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for any of the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for the use of the information contained herein. The information contained herein is provided "AS IS, WHERE IS" and with all faults, and the entire risk associated with such information is entirely with the user. All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for RF-Lambda products. The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information.

RF-Lambda products are not warranted or authorized for use as critical components in medical, life-saving, or life sustaining applications, or other applications where a failure would reasonably be expected to cause severe personal injury or death.