



64dB 8 Bits 0.25dB Step Digital Control Attenuator 4-18GHz



- Wide Band Operation 4-18GHz
- High Power Handle Capability up to 1W upon request.
- High Dynamic attenuation range to 64dB, 0.25dB step.
- Flat frequency response, low attenuation error.
- Temperature Range -40°C~+85°C
- Customization available upon request

Single Port Absorptive Digital Control Attenuator

Frequency (GHz)	Insert. Loss (dB)	VSWR	Control bits	Step (dB)	Attenuation Range (dB)	Flatness (dB)	Power (Watts)
4-18	5dB @ 4GHz 8dB @ 11GHz 11dB @ 18GHz	1.8	8	0.25	64	(+/-1dB<30dB) (+/-2.5dB 30-60dB)	P1dB=1 W min

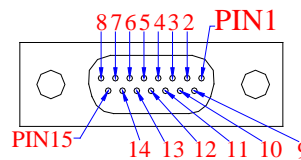
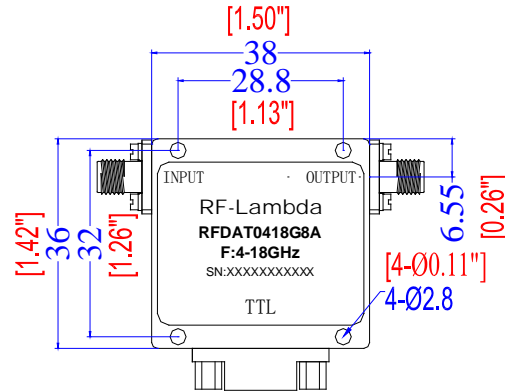
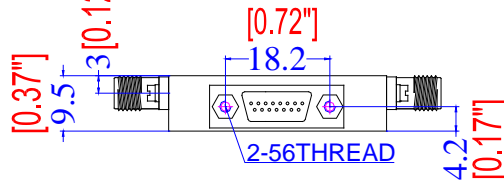


Electrical Operation

Control DC: +/-5v
 Max Current: 120mA
 High Digital Biasing is required for high RF power model.

Mechanical Specification

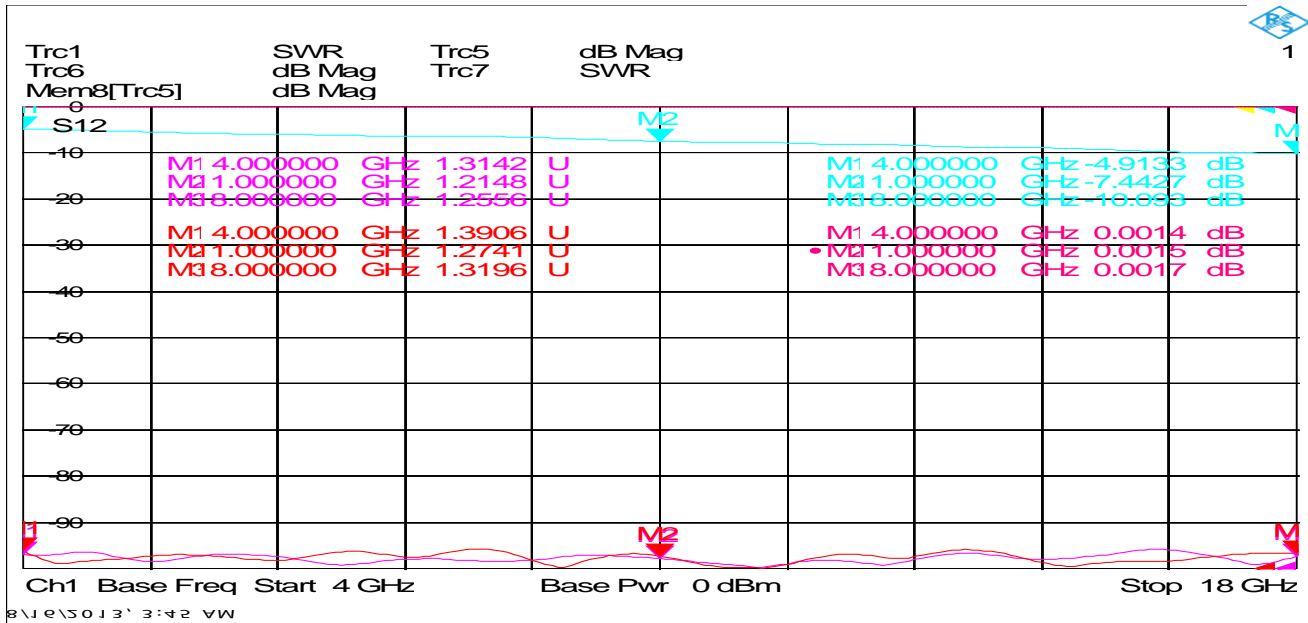
Case Style: As shown
 Finishing: Gold plating for brass material
 Other finishing available
 Connector: SMA-F Per MIL-C-39012
 Seal: Laser Seal
 Control PIN: 0.02" dia x 0.15" solder pins
 Weight: 100 grams max.



1 +5V 2 GND 3 -5V 4 C1 5 C2 6 C3 7 C4 8 C5 9 C6 10 C7 11 C8 12 GND 13 GND 14 GND 15 GND

MICRO-D15

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