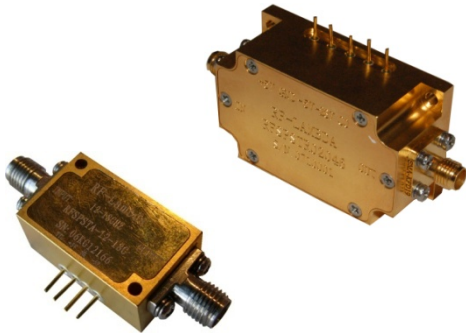




Absorptive and Reflective 12-18GHz Coaxial SPST

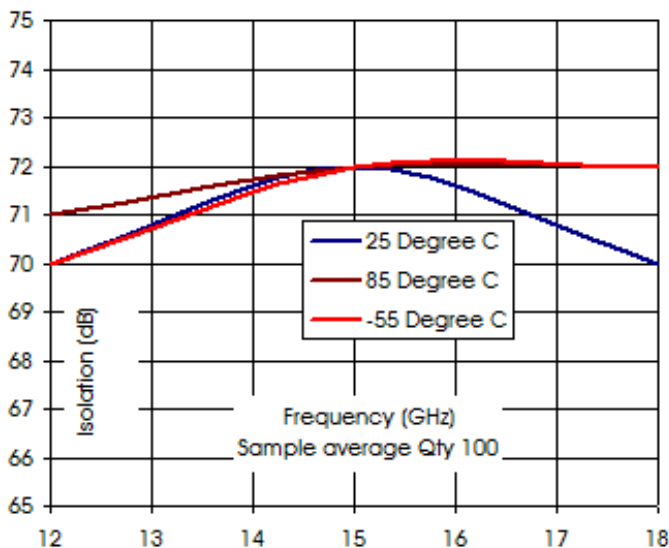


Features

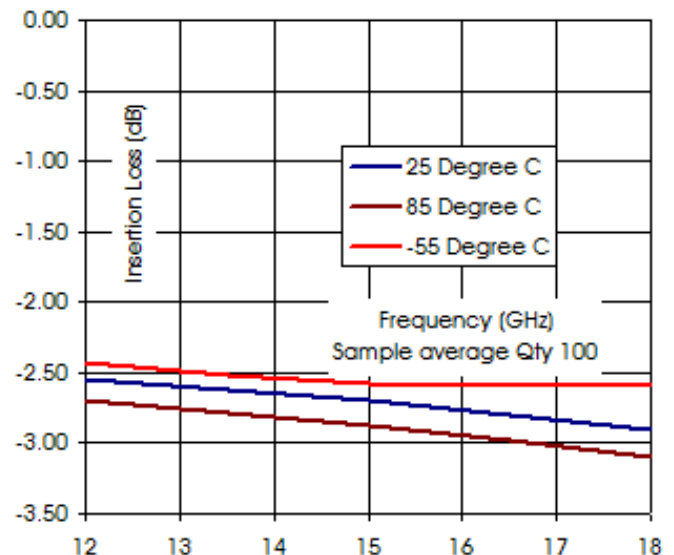
- Wide Band Operation 12-18GHz
- High Power Handle Capability up to 2W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -55°C~+85°C
- Customization available upon request

| Absorptive SPST- Single Pole Single Throw | | | | | | |
|---|-----------------|-------------------|--------------|--------------------|-----------------------------|----------------------|
| Part Number | Frequency (GHz) | Insert. Loss (dB) | VSWR (Max:1) | Isolation min (dB) | Avg. Power Handling (Watts) | Switching Speed (ns) |
| RFSPSTA1218G | 12-18 | 3.2 | 2.0 | 65 | 0.2~1W | 100~500 |
| Reflective SPST- Single Pole Single Throw | | | | | | |
| Part Number | Frequency (GHz) | Insert. Loss (dB) | VSWR (Max:1) | Isolation min (dB) | Avg. Power Handling (Watts) | Switching Speed (ns) |
| RFSPSTR1218G | 12-18 | 2.2 | 2.0 | 65 | 1~2W | 100~500 |

Isolation



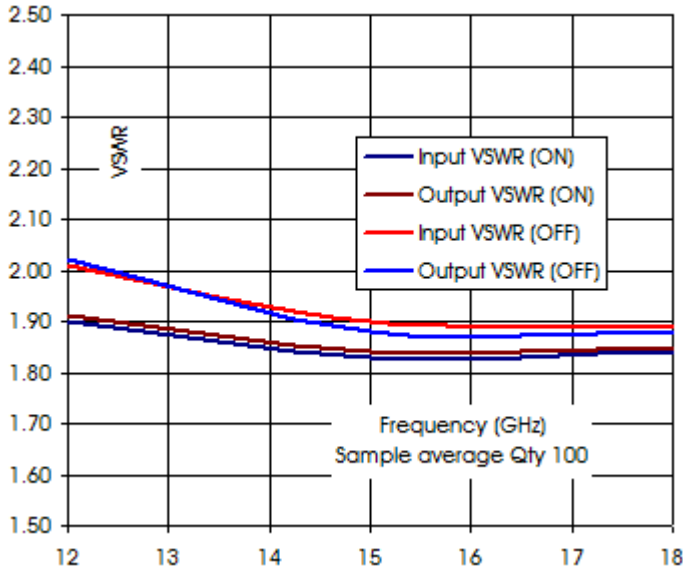
Insertion Loss





RF-LAMBDA

The power beyond expectations



Electrical Operation

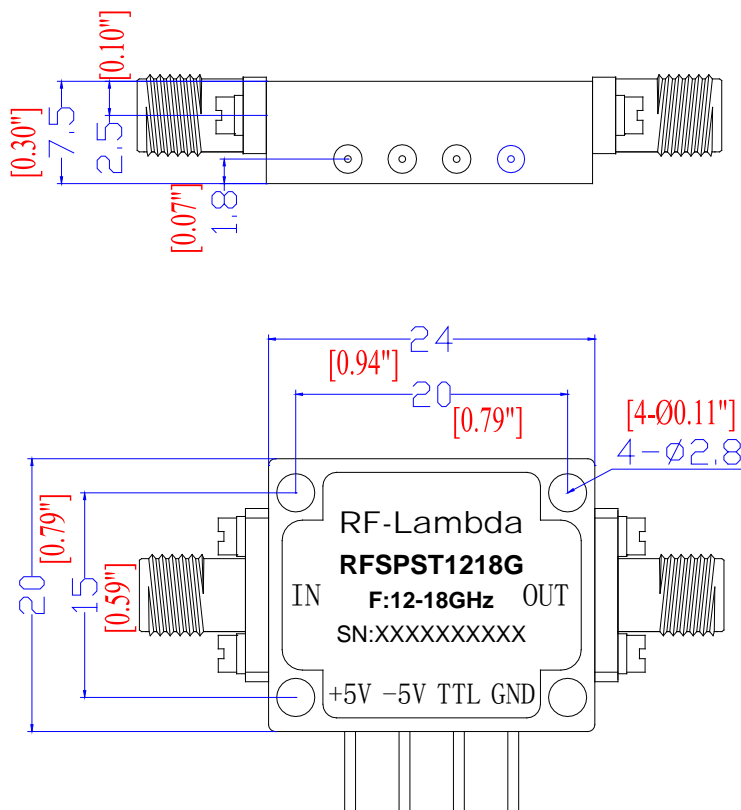
DC Biasing: +5.0V (+/-0.5V 30mA max.)
-5.0V (+/-0.5V 30mA max.)

TTL Logic Control:
Logic 0: Insertion Loss
Logic 1: Isolation

Power Handle: 0.2W~2W (upon request)

Mechanical Specification

Finishing: Gold plating for brass material
Other finishing available
Connector: SMA-F Per MIL-C-39012
Control PIN: 0.02" dia x 0.15" solder pins
Weight: 20 grams max.
Mounting: (4) 0.1" dia through holes



Note: Contact RF-Lambda for faster switching speed, higher power handle, higher isolation

Absorptive / Reflective Coaxial Single Pole Single Throw Switch 12-18GHz