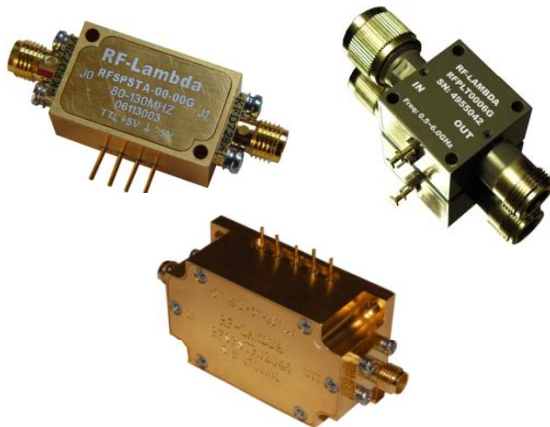




Absorptive and Reflective Coaxial SPST Switch



Features

- Wide Band Operation up to 18GHz
- High Power Handle Capability up to 200W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request
- **Note: Contact RF-Lambda for faster switching speed, higher power handle and higher isolation**

Absorptive SPST Switch						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation (dB)	Avg. Power (Watts)	Speed (ns)
RFSPSTA0002M	0.001~0.2	1.30	1.50	70	1~5	1000
RFSPSTA0001G	0.02~1	1.50	1.50	70	1~5	100
RFSPSTA0102G	1~2	1.00	1.50	80	1~5	100
RFSPSTA0003G	0.02~3	2.40	1.70	60	1~5	100
RFSPSTA0004G	0.5~4	1.60	1.50	60	1~5	50
RFSPSTA0204G	2~4	1.60	1.50	80	1~5	50
RFSPSTA0208G	2~8	2.00	2.00	60	1~5	50
RFSPSTA0612G	6~12	2.50	2.00	60	0.5~1	50
RFSPSTA0218G	2~18	3.20	2.20	60	0.5~1	50
Reflective SPST Switch						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation (dB)	Avg. Power (Watts)	Speed (ns)
RFSPSTR0002M	0.001~0.2	0.70	1.50	70	1~200	1000
RFSPSTR0001G	0.02~1	0.90	1.50	70	1~100	100
RFSPSTR0102G	1~2	0.80	1.50	80	1~50	100
RFSPSTR0003G	0.02~3	2.00	1.70	60	1~50	100
RFSPSTR0004G	0.5~4	1.20	1.50	60	1~50	100
RFSPSTR0204G	2~4	1.20	1.50	80	1~30	100
RFSPSTR0208G	2~8	1.70	2.00	60	1~10	100
RFSPSTR0612G	6~12	2.30	2.00	60	1~2	100
RFSPSTR0218G	2~18	3.10	2.20	60	1~2	100



RF-LAMBDA

The power beyond expectations

SPST Switch

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

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~200W (upon request)

Absorptive / Reflective Coaxial Single Pole Single Throw Switches

