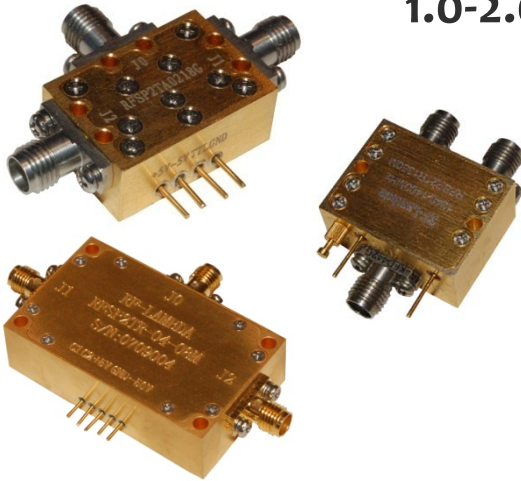




Absorptive and Reflective 1.0-2.0GHz Coaxial SP2T



Features

- Wide Band Operation 1.0-2.0GHz
- High Power Handle Capability up to 100W 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

Absorptive SP2T- Single Pole Double Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP2TA0102G	1-2	0.8 typ. 1.0 max	1.25 typ. 1.5 max.	80	0.2W opt. 1W max.	50~100
Reflective SP2T- Single Pole Double Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP2TR0102G	1-2	0.7 typ. 0.8 max	1.25 typ. 1.5 max.	80	1~100	100~500

Mechanical Specification

Case Style: W201, W202, W203 type.
 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 / 6) 0.1" dia through holes

Electrical Operation

DC Biasing:
 +5.0V (+/-0.5V 30mA max.)
 -5.0V (+/-0.5V 30mA max.)
 High Voltage Biasing is required for high RF power model.

TTL Logic Control:
 "0"=J1 ON, "1"=J2 ON

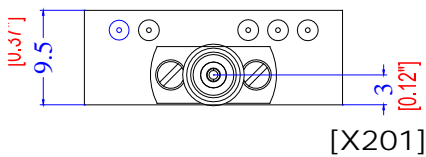
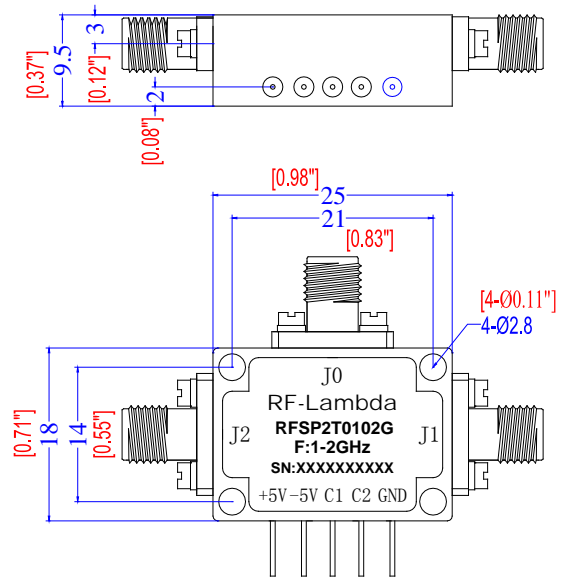
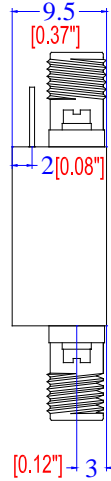
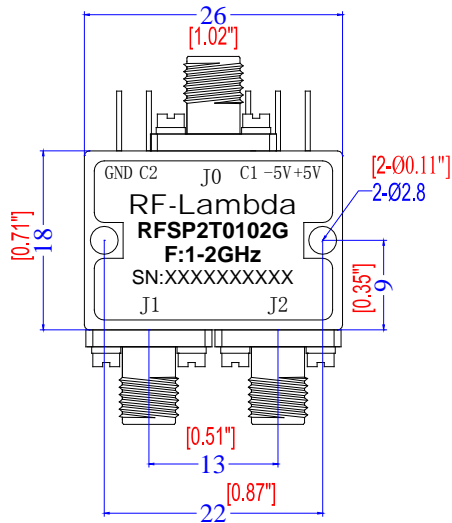
Power Handle: 0.2W~100W (upon request)



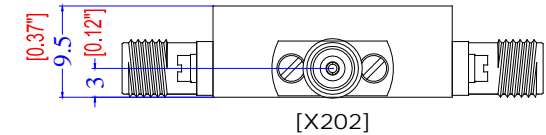
RF-LAMBDA

The power beyond expectations

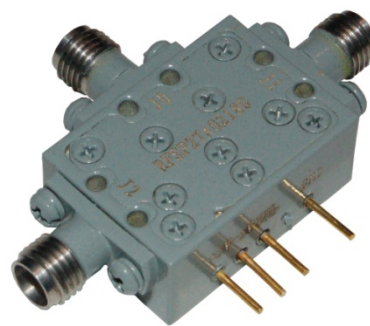
1-2GHz PIN SP2T



[X201]



[X202]



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

- 1.Higher power handle capability will give lower isolation , higher biasing current and slower switching speed.
- 2.Narrower frequency band will improve insertion loss and isolation.

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 1.0-2.0GHz

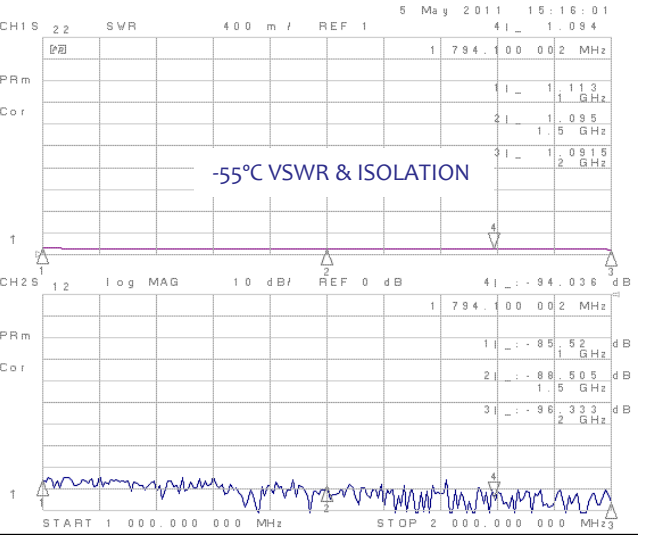
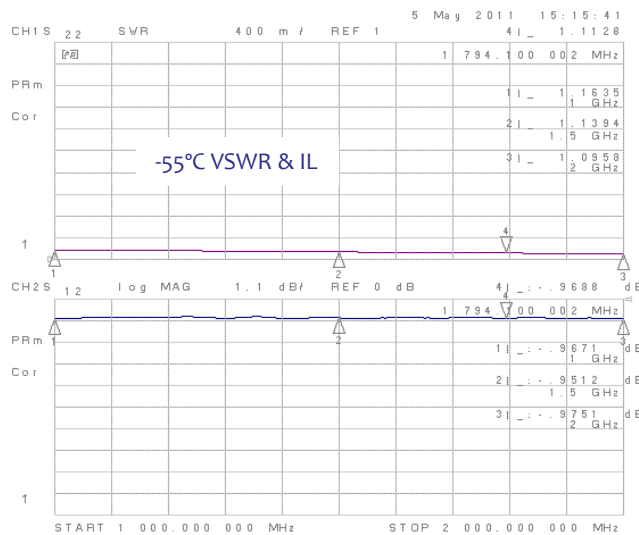
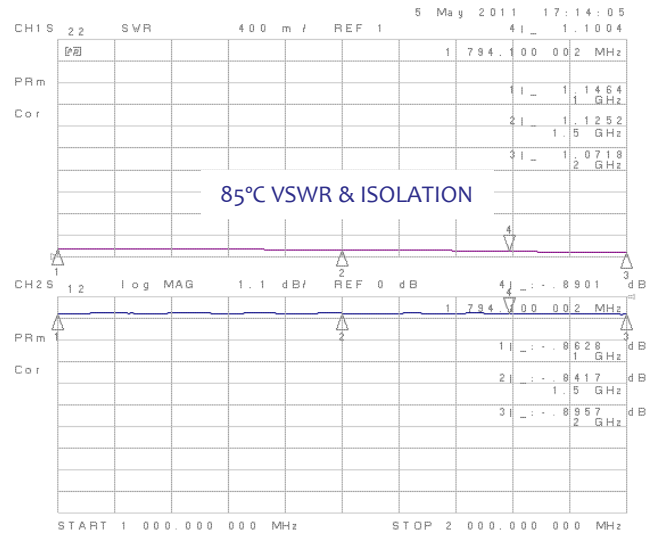
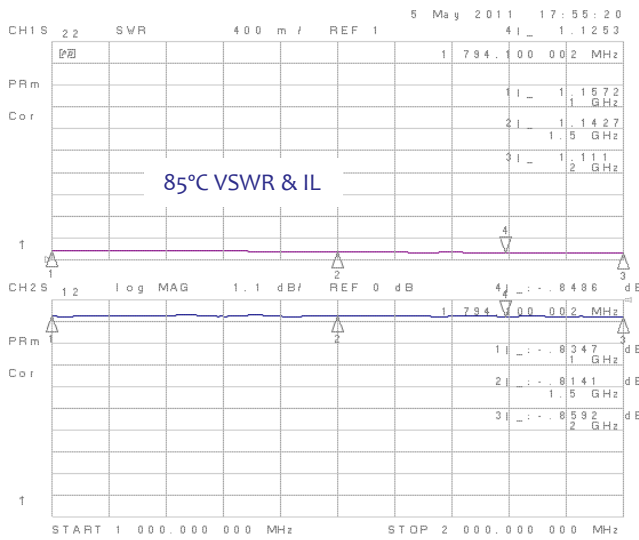
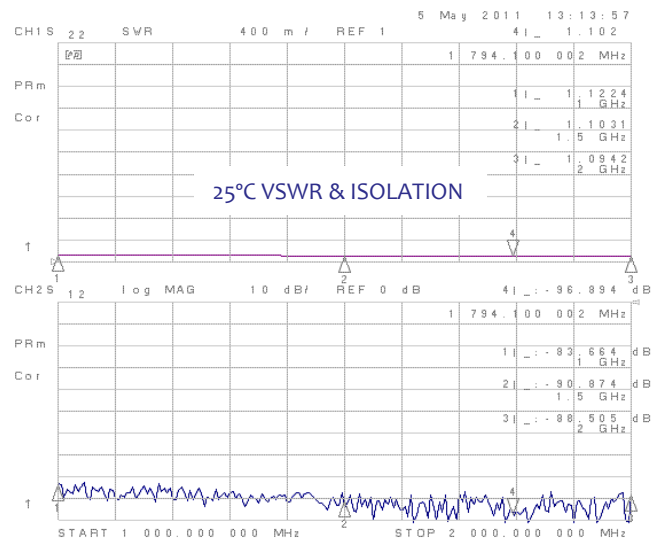
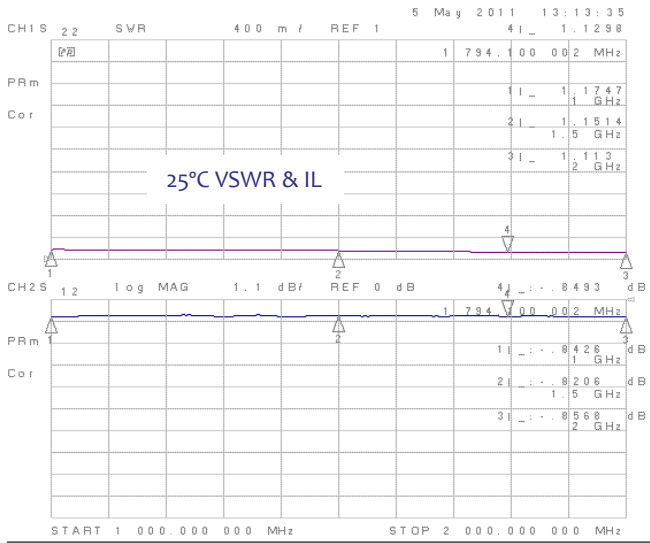


RF-LAMBDA

The power beyond expectations

1-2GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 1.0-2.0GHz





RF-LAMBDA

The power beyond expectations

1-2GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 1.0-2.0GHz

