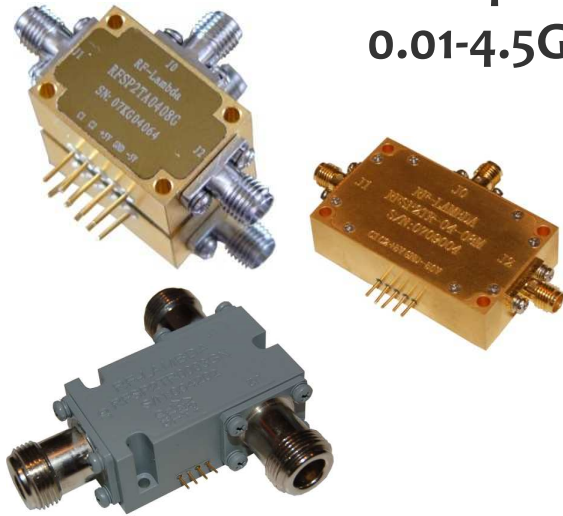




## Absorptive and Reflective 0.01-4.5GHz Coaxial SP2T



### Features

- Wide Band Operation 0.01-4.5GHz
- High Power Handle Capability up to 60W 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 (MHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power (Watts)	Switching Speed (ns)
RFSP2TA0005G	1-4500	2.5	2.0	50	1	50~100
Reflective SP2T- Single Pole Double Throw						
Part Number	Frequency (MHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power (Watts)	Switching Speed (ns)
RFSP2TR0005G	1-4500	2.5	2.0	50	1-50W	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) 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:

C1	C2	
0	0	OFF
0	1	J0->J1
1	0	J0->J2

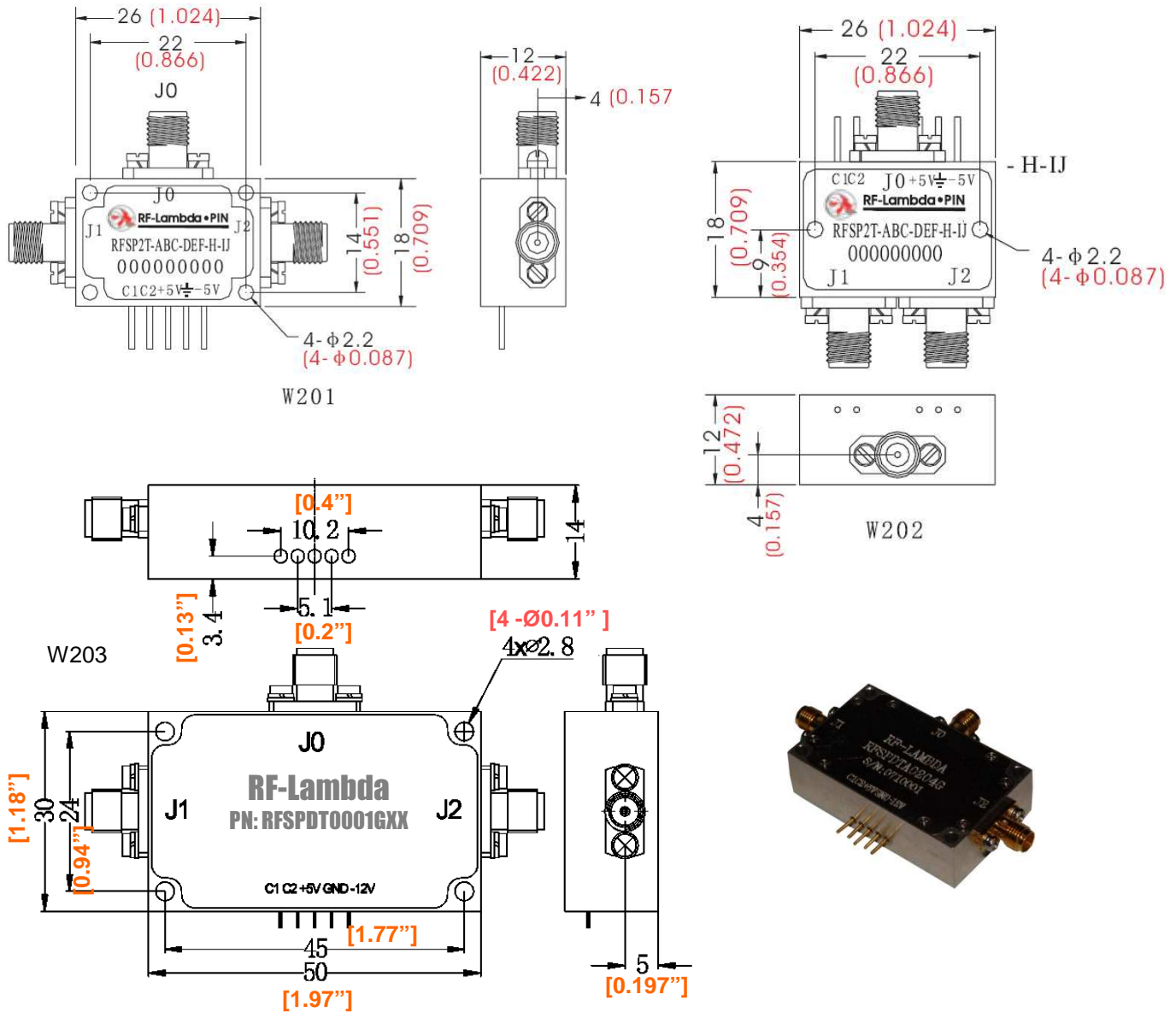
Power Handle: 0.2W~200W (upon request)



# RF-LAMBDA

The power beyond expectations

0.01-4.5GHz PIN SP2T



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 0.01-4.5GHz

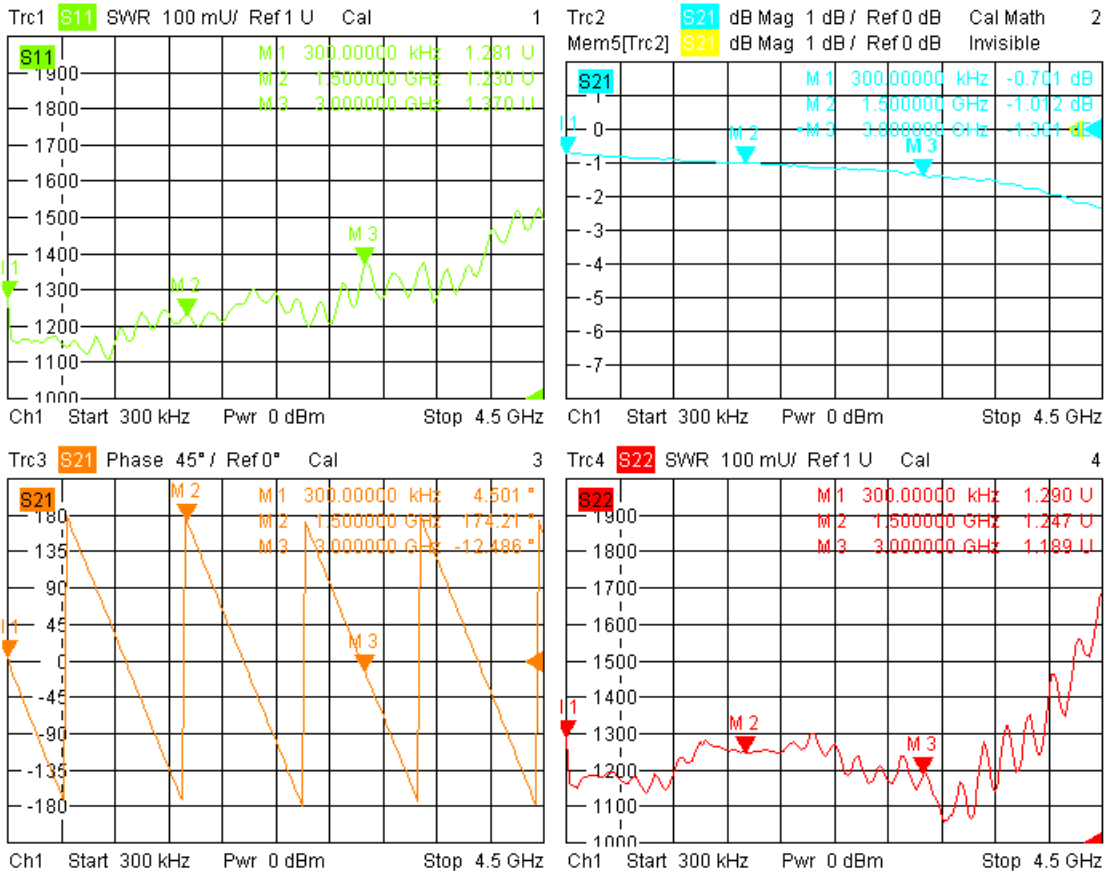
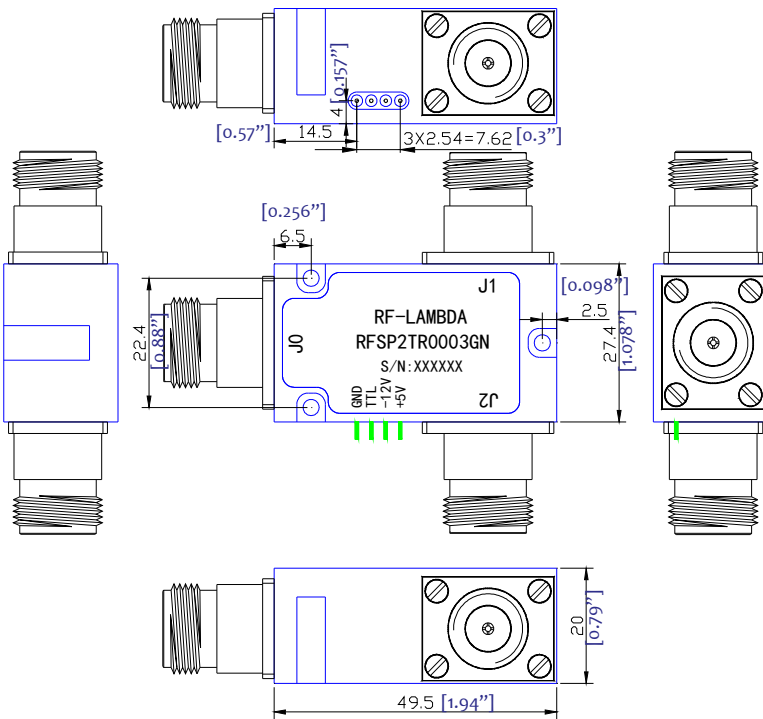




# RF-LAMBDA

The power beyond expectations

0.01-4.5GHz PIN SP2T



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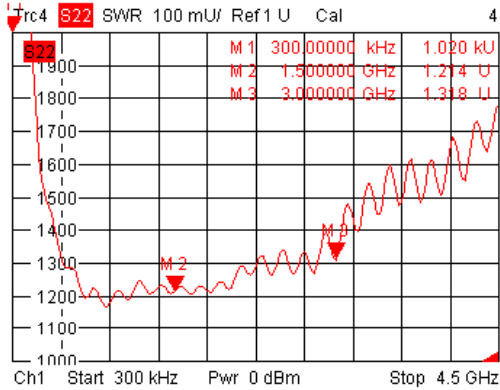
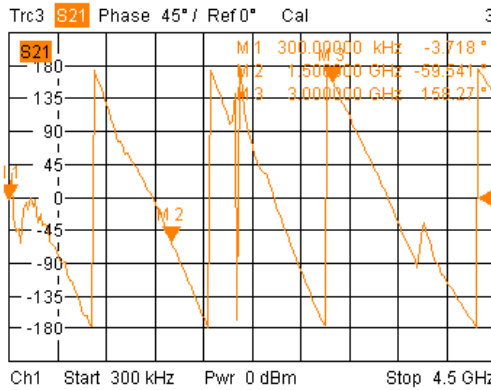
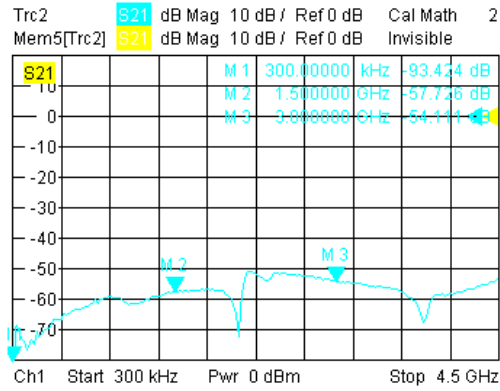
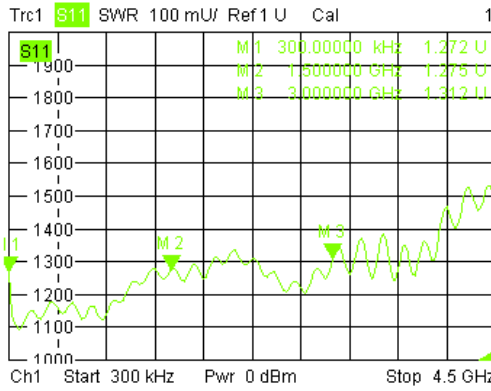
Absorptive / Reflective Coaxial Single Pole Double Throw Switch 0.01-4.5GHz



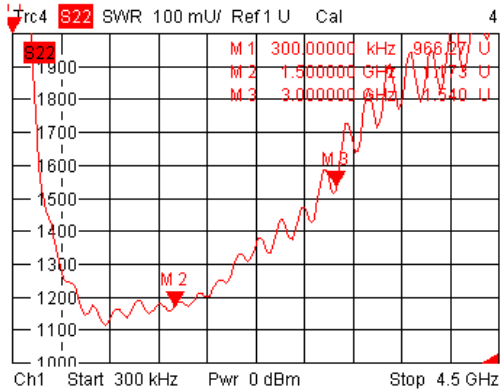
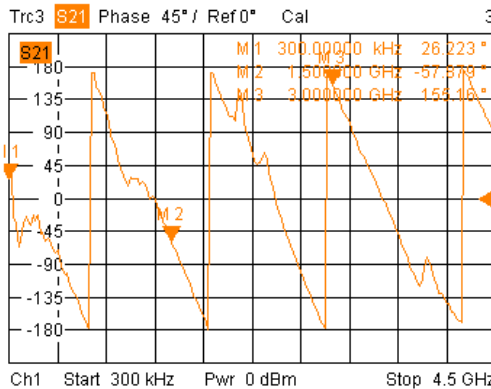
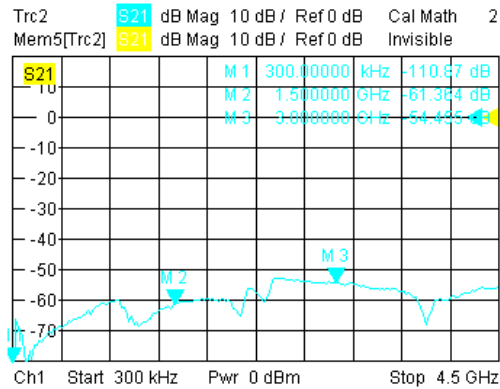
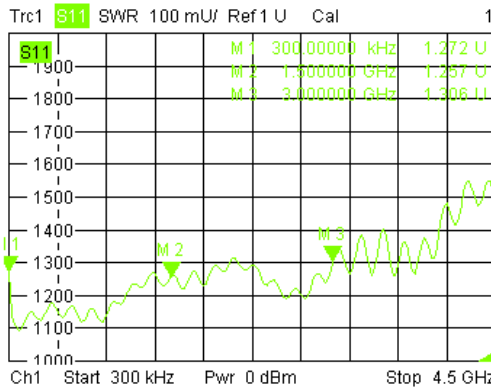
# RF-LAMBDA

The power beyond expectations

0.01-4.5GHz PIN SP2T



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Absorptive / Reflective Coaxial Single Pole Double Throw Switch 0.01-4.5GHz