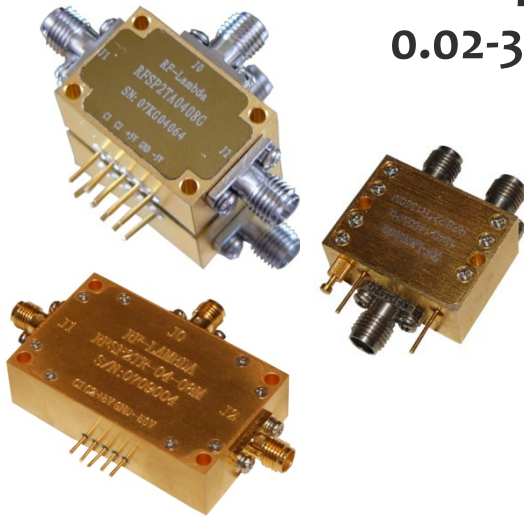




## Absorptive and Reflective 0.02-3.0GHz Coaxial SP2T



### Features

- Wide Band Operation 0.02-3.0GHz
- High Power Handle Capability up to 30W 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)	Avg. Power (Watts)	Switching Speed (ns)
RFSP2TA0003G	0.02-3.0	2.40	1.70	60	1~5	50~100
Reflective SP2T- Single Pole Double Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power (Watts)	Switching Speed (ns)
RFSP2TR0003G	0.02~3.0	2.10	1.70	60	1~30	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: (+/-5V available upon request)  
 +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	Jo->J1
1	0	Jo->J2

Power Handle: 0.2W~30W (upon request)

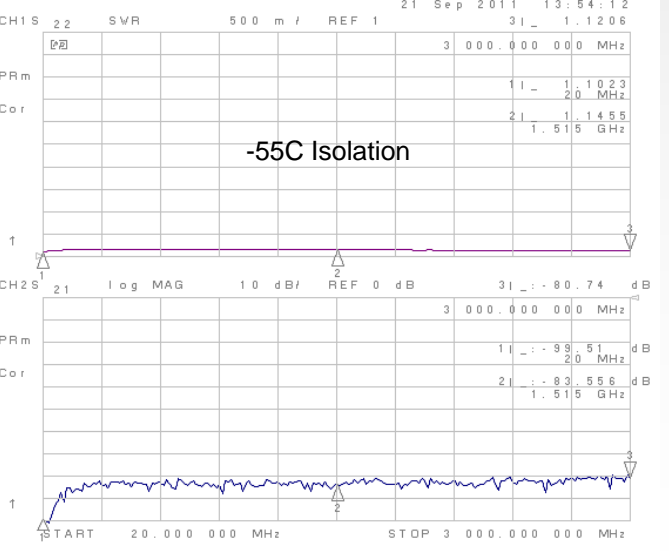
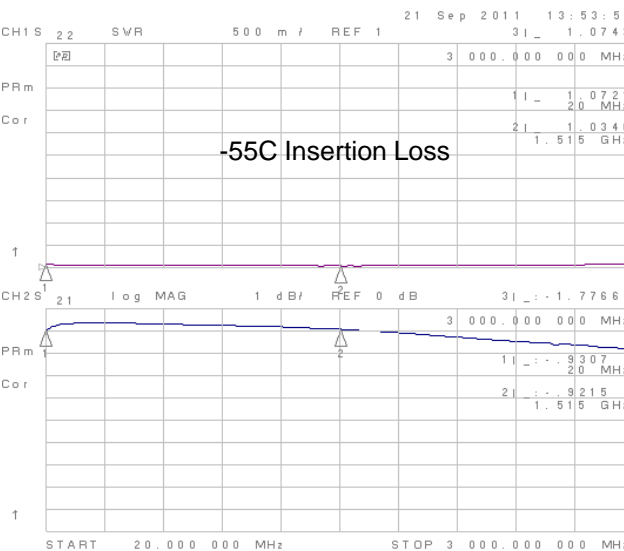
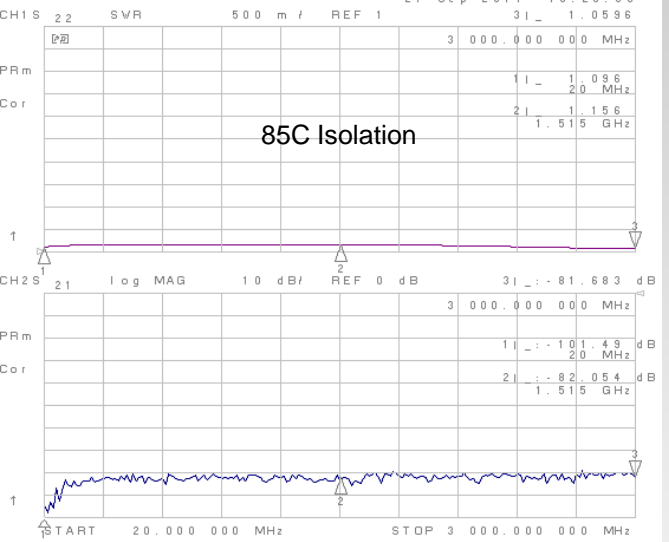
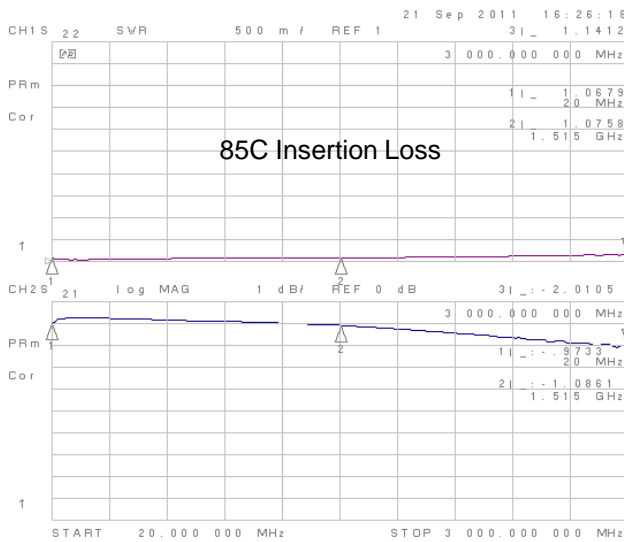
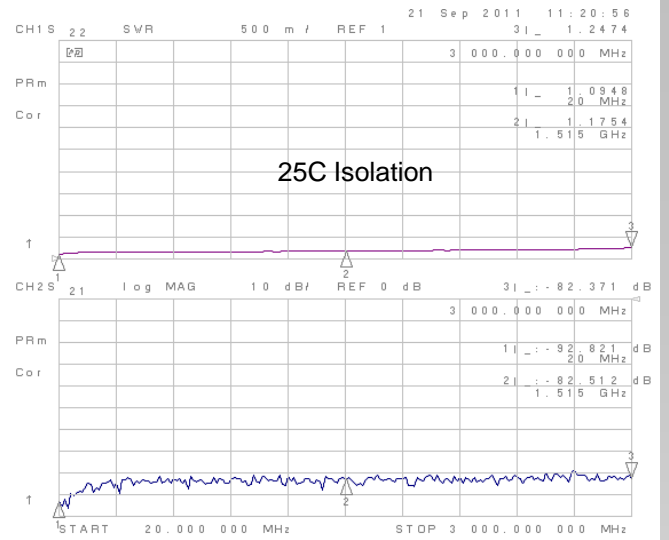


# RF-LAMBDA

The power beyond expectations

0.02~3.0GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 0.02-3.0GHz



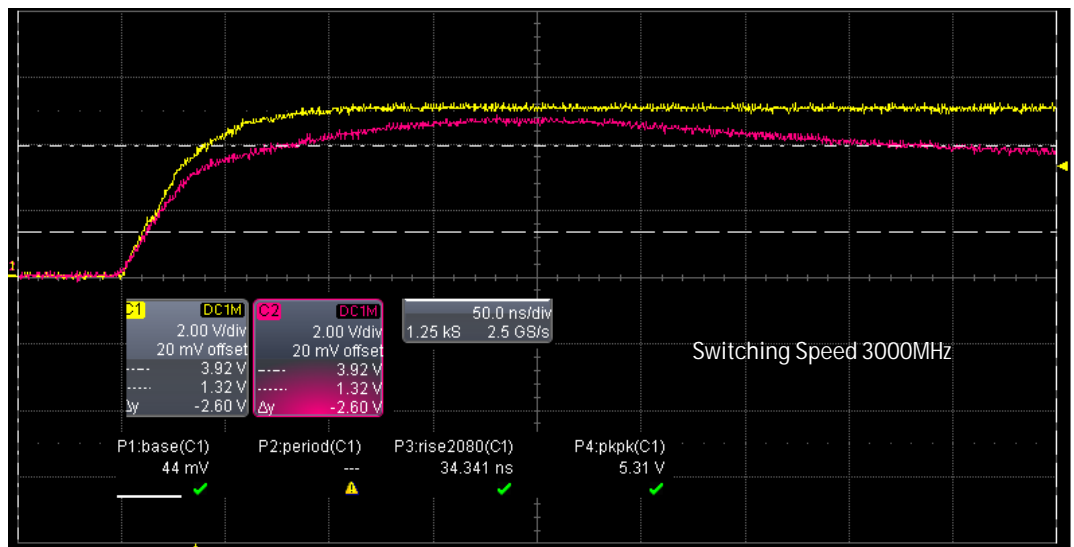
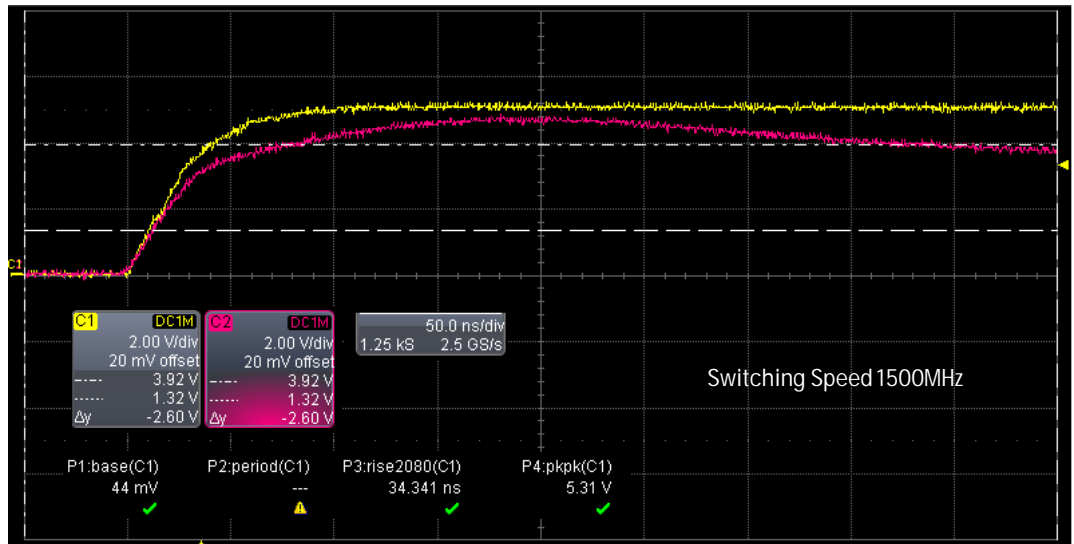
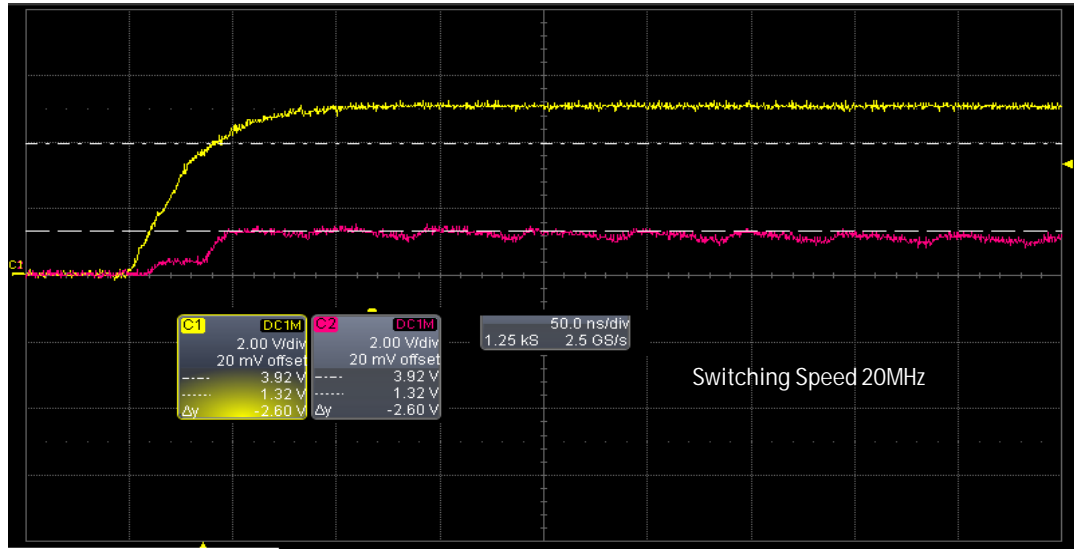


# RF-LAMBDA

The power beyond expectations

0.02~3.0GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 0.02-3.0GHz



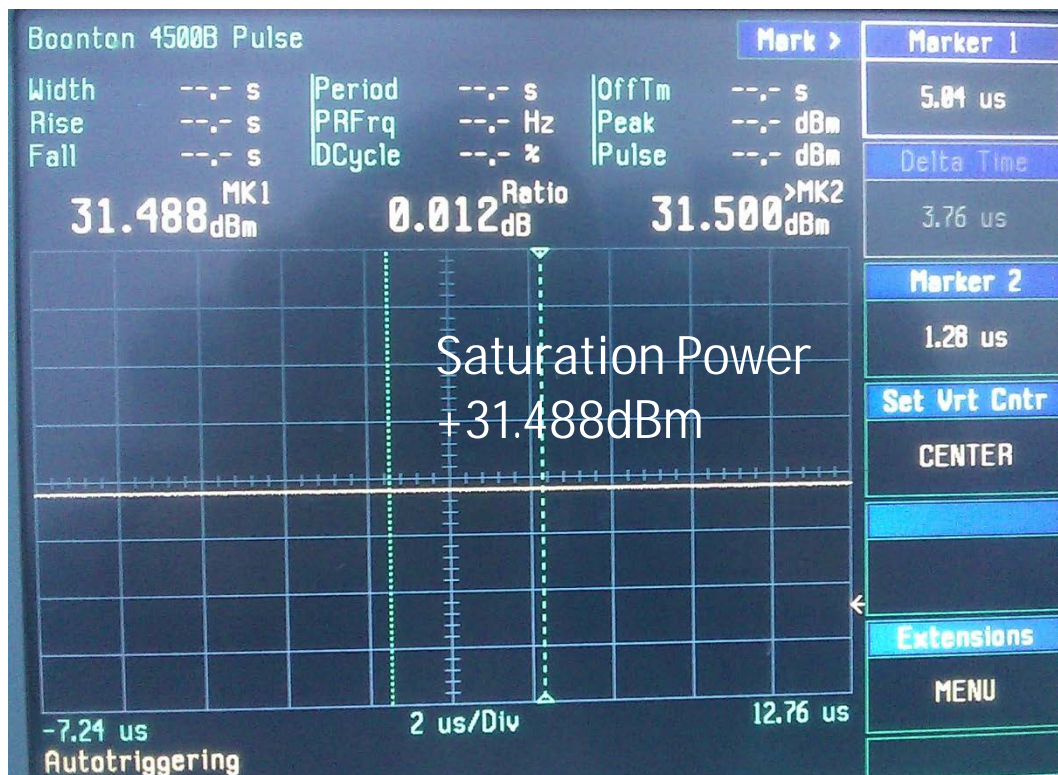
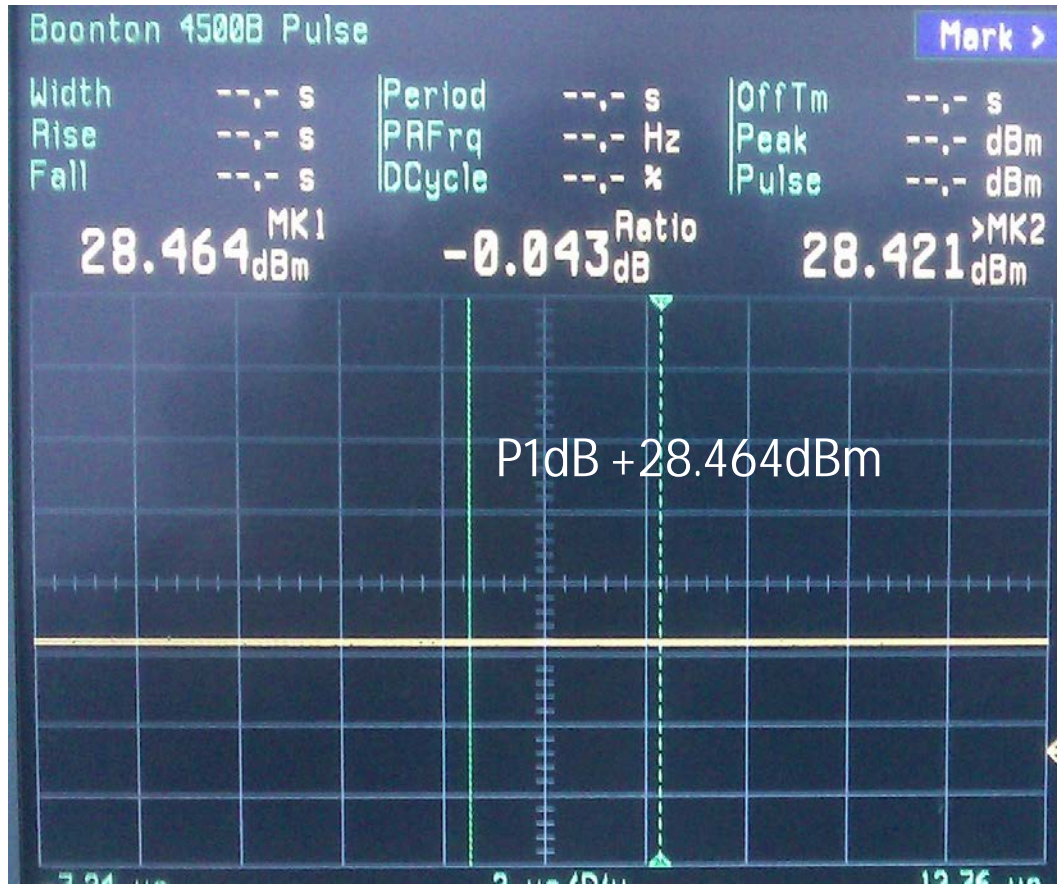


# RF-LAMBDA

The power beyond expectations

0.02~3.0GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 0.02-3.0GHz

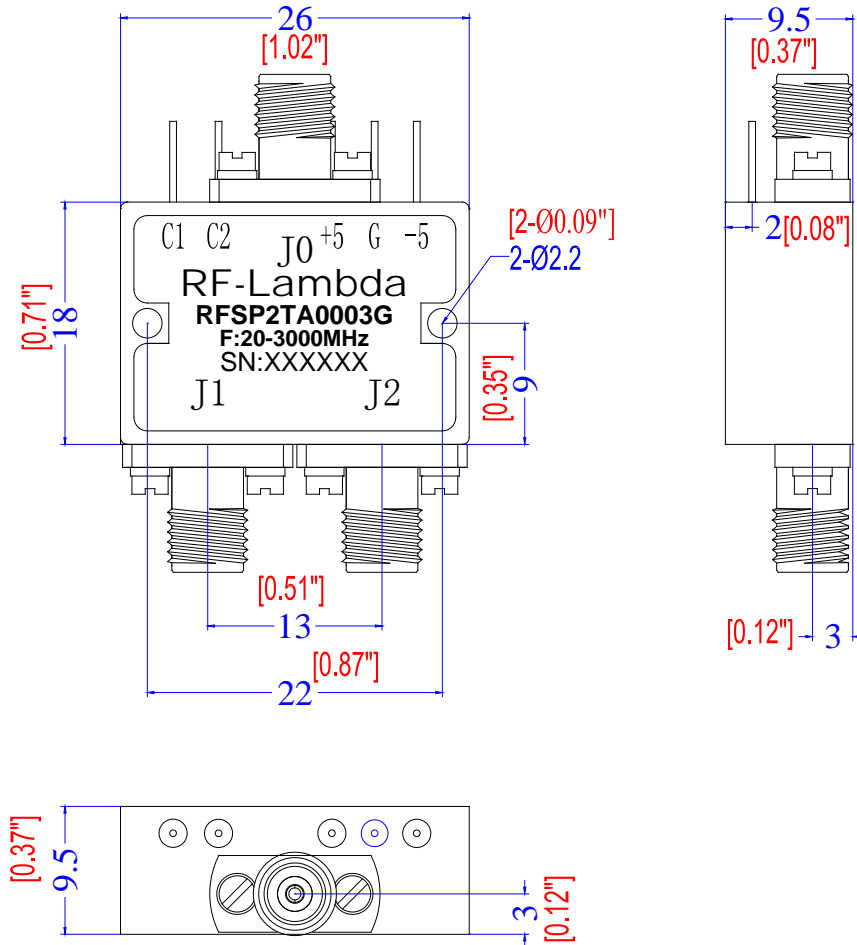




# RF-LAMBDA

The power beyond expectations

0.02~3.0GHz 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 0.02-3.0GHz