



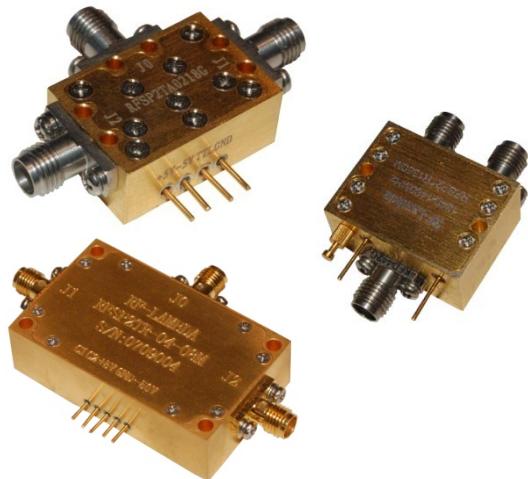
RF-LAMBDA

The power beyond expectations

2-4GHz PIN SP2T

Absorptive / Reflective Coaxial Single Pole Double Throw Switch 2.0-4.0GHz

5W 2.0-4.0GHz Coaxial SP2T



Features

- Wide Band Operation 2.0-4.0GHz
- High Power Handle Capability up to 100W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -55°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 Handling (Watts)	Switching Speed (ns)
RFSP2TA0204G5W	2-4	1.0	1.4	80	5W CW max..	50

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 J0->J2
1 J0->J1

Power Handle: 5W (upon request)

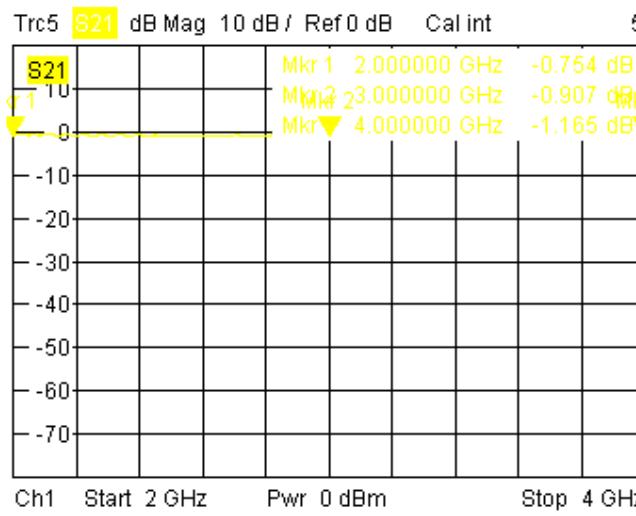
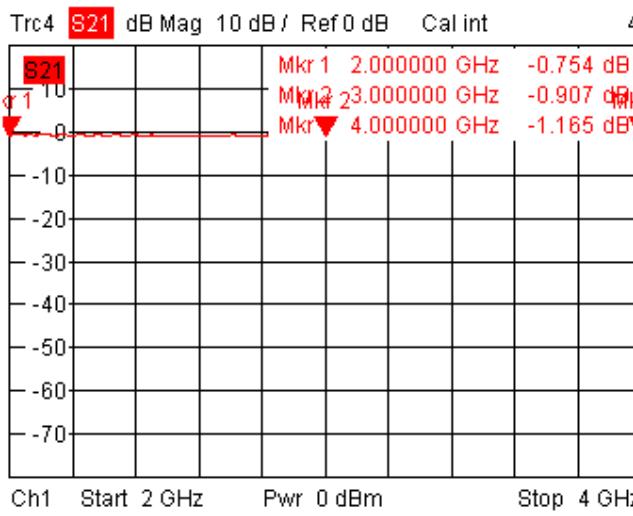
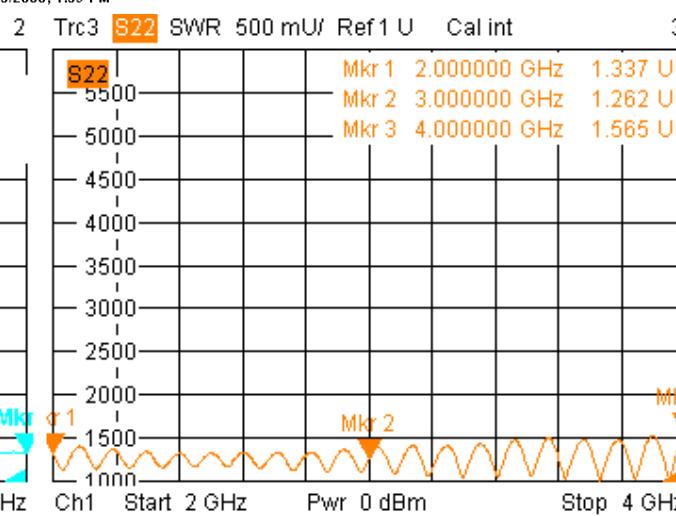
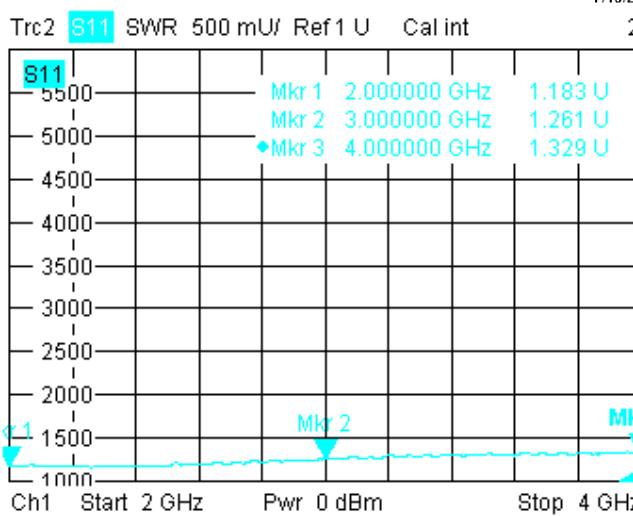
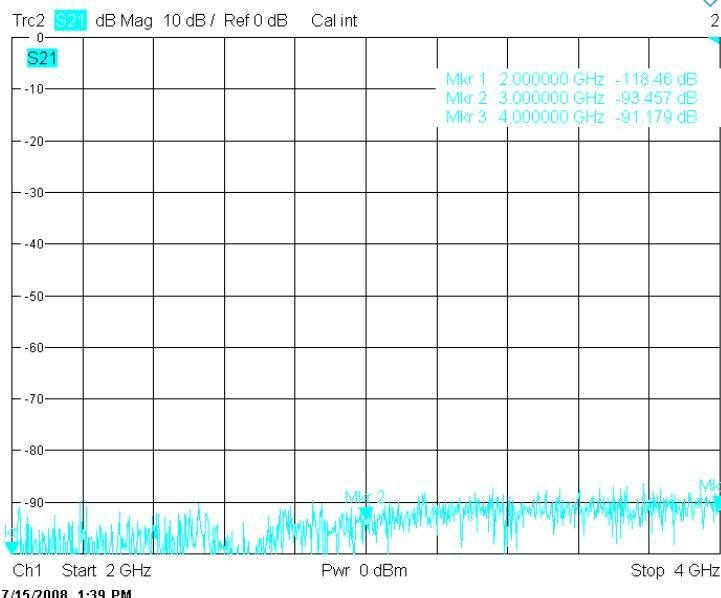
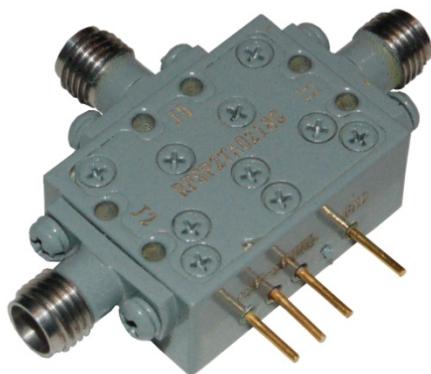


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2-4GHz PIN SP2T

Electrical Spec.



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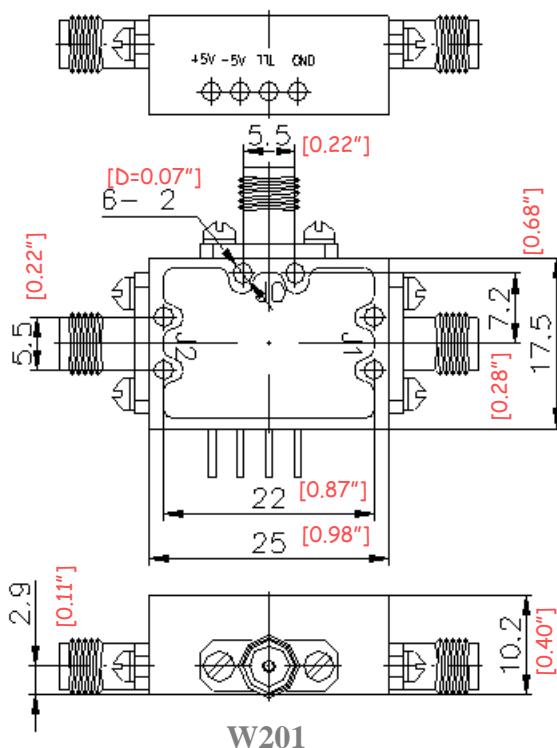
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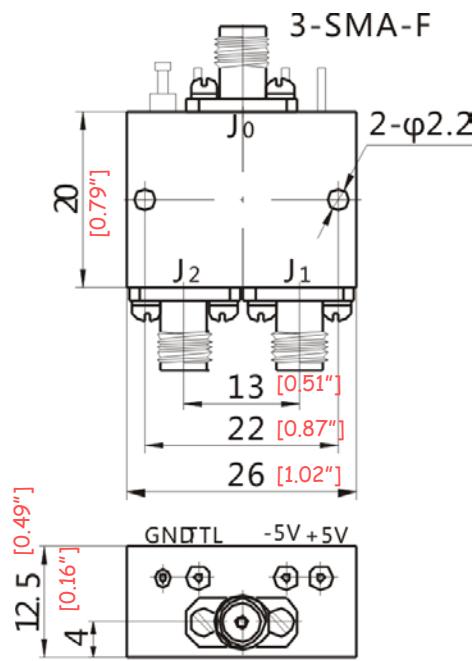
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2-4GHz PIN SP2T



W201



W202

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 2.0-4.0GHz