



Absorptive 0.02-3GHz Coaxial SP6T



Features

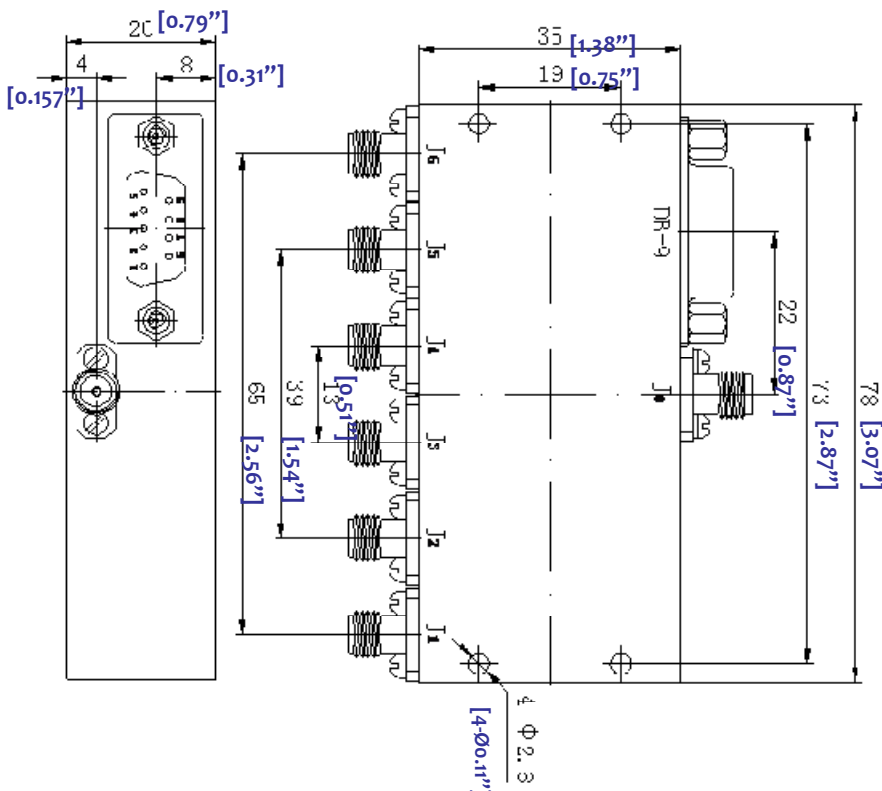
- Wide Band Operation 0.02-3GHz
- High Power Handle Capability up to 50W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SP6T- Single Pole Six Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP6TA0003G	0.02-3	2.8	1.7	60	0.2W~1W	50~100

Reflective SP6T- Single Pole Six Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP6TR0003G	0.02-3	2.6	1.7	60	1W~20W	50~100



①. +5V ②. -5V ③. C1 ④. C2 ⑤. C3 ⑥. C4
⑦. C5 ⑧. C6 ⑨. GND

C3	C2	C1	
0	0	0	J0-J1
0	0	1	J0-J2
0	1	0	J0-J3
0	1	1	J0-J4
1	0	0	J0-J5
1	0	1	J0-J6

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.

3. Biasing:

-5V(Max, 70mA Typical 30mA)

+5V(Max, 350mA Typical 250mA)

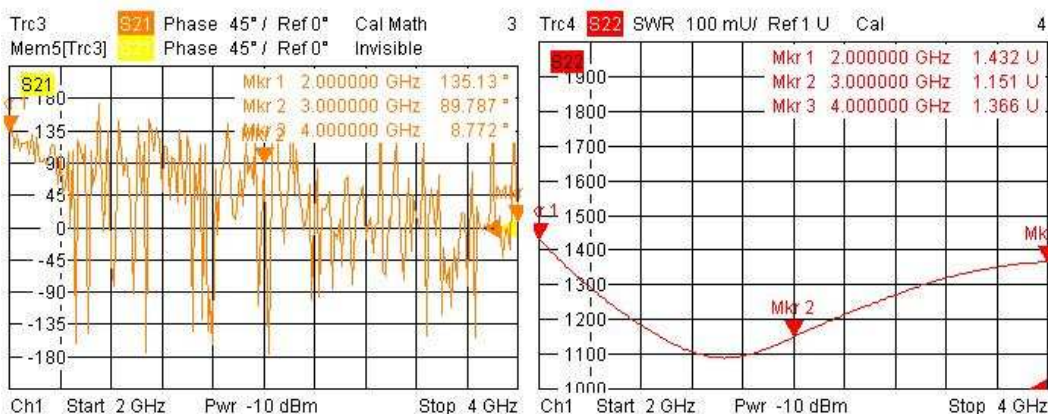
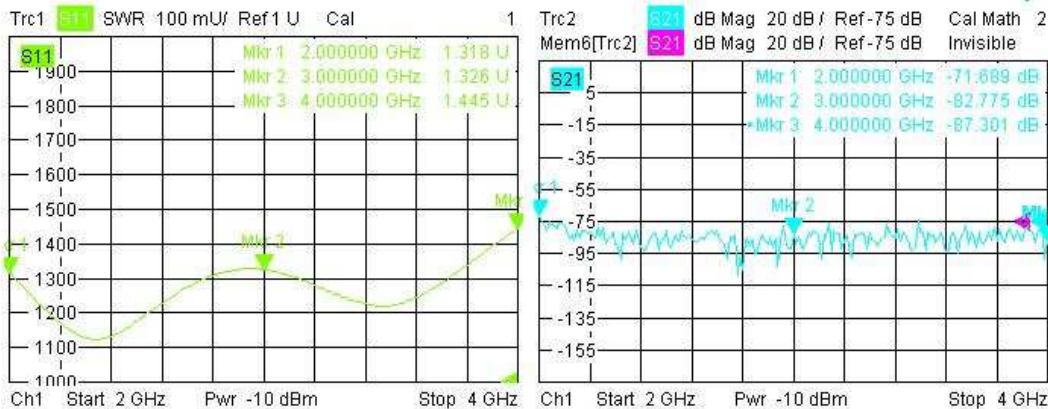
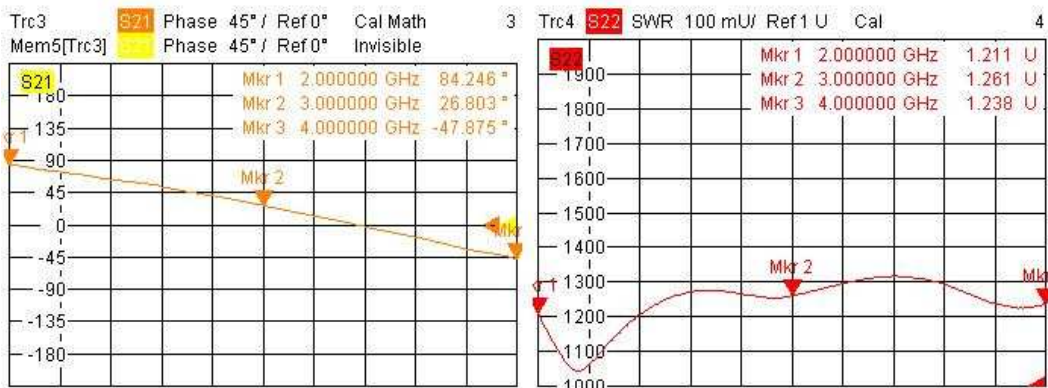
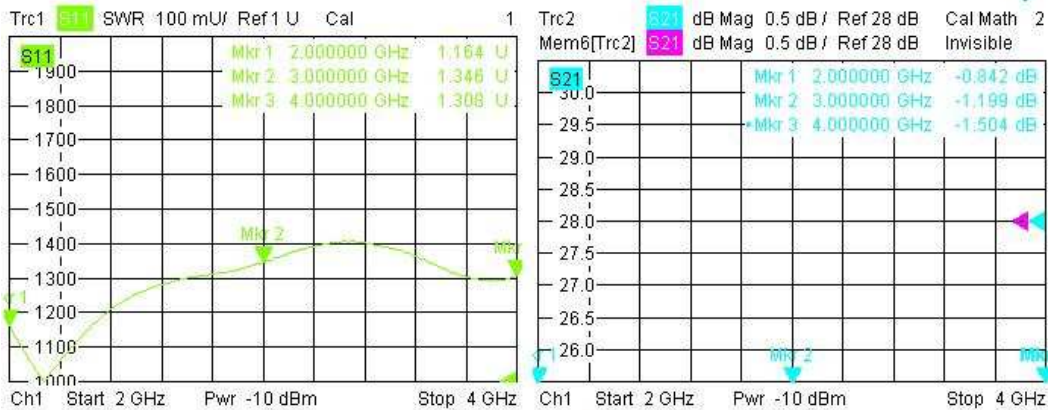


RF-LAMBDA

The power beyond expectations

0.02-3GHz PIN SP6T

Absorptive Coaxial Single Pole Six Throw Switch 0.02-3GHz



7/13/2009, 6:33 AM