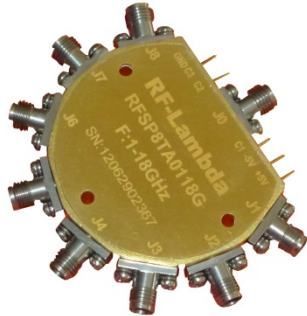




Absorptive / Reflective 2-18GHz SP8T Switch



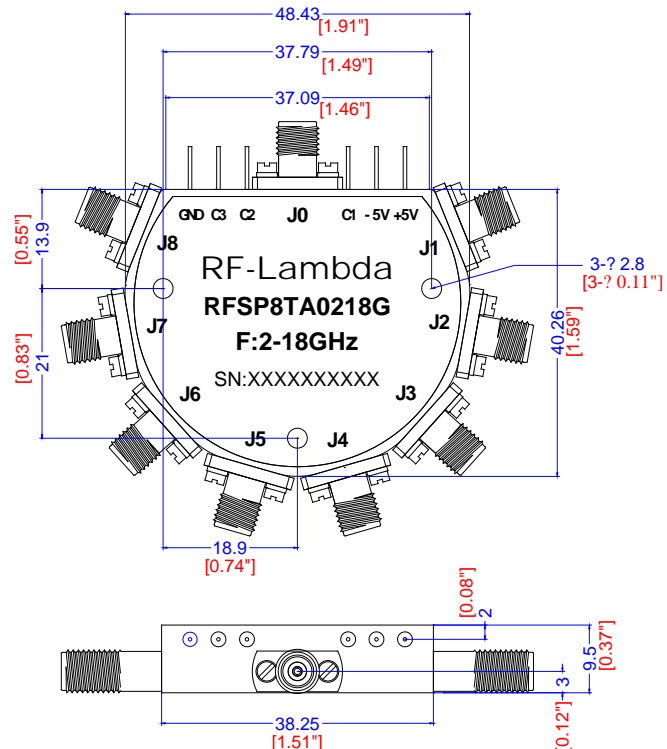
- Wide Band Operation 2-18GHz
- High Power Handle Capability from 0.2W CW to 10W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -55°C~+85°C
- Customization available upon request

Absorptive SP8T- Single Pole Eight Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power Handling (Watts)	Switching Speed (ns)
RFSP8TA0218G	2-18	3.5	2.2	80	0.2-1	200-500
Reflective SP8T- Single Pole Eight Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power Handling (Watts)	Switching Speed (us)
RFSP8TR0218G	2-18	3.5	2.2	80	1-5	0.5-10

Environment specifications	
Altitude	45000 ft
Vibration	10g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msec
PIN define	PIN 1:+5V PIN 2:-5V PIN 3: GND PIN 4:C1 PIN 5:C2 PIN 6:C3 PIN 7,8,9 N/A

+5V/300mA -5V/100mA

C1	C2	C3	J1	J2	J3	J4	J5	J6	J7	J8
0	0	0	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
0	0	1	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
0	1	0	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
0	1	1	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
1	0	0	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
1	0	1	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
1	1	0	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
1	1	1	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON



Absorptive / Reflective Coaxial Single Pole Eight Throw Switch 2-18GHz



RF-LAMBDA

The power beyond expectations

2-18GHz PIN SP8T

Absorptive / Reflective Coaxial Single Pole Eight Throw Switch 2-18GHz

