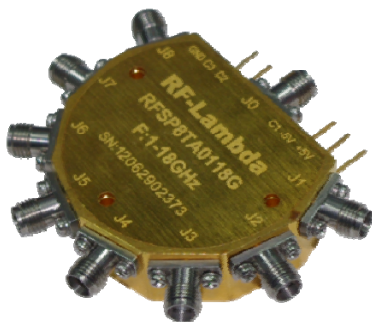




Absorptive 1-18.0GHz Coaxial SP8T Switch



Features

- Wide Band Operation 1.0-18.0GHz
- High Power Handle Capability up to 5W 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

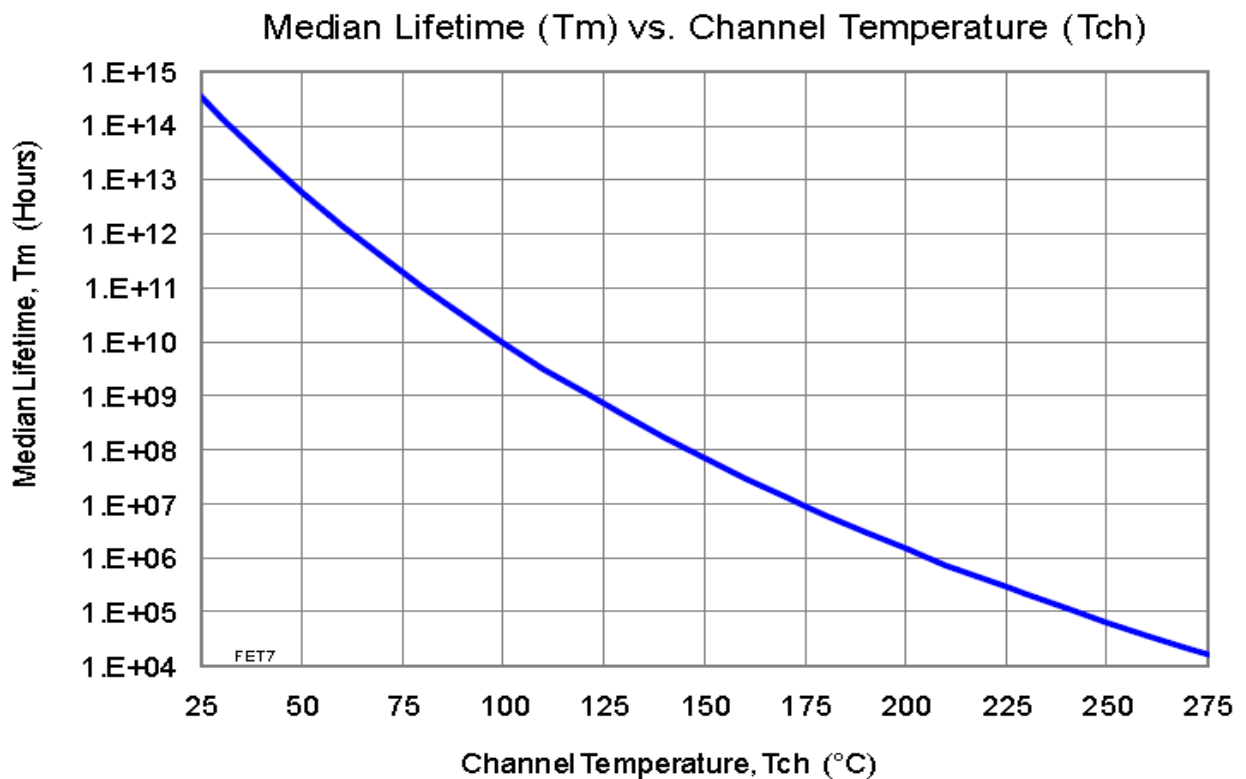
Specification	Absorptive type			
	PN: RFSP8TA0118G			
	Low	Med	High	
Frequency Range(GHz)	1	9.5	18	
Insertion Loss(dB)	2.5dB typ. @1GHz	3.0dB typ. @9.5GHz	3.5dB typ. @18GHz	
VSWR	2	1.8	2	
Isolation(dB)	85	85	80	
Switching Speed(ns)	50	100	150	
P o.1dB Power (dBm)		30		
Absolutely max. Power (W)			5	
Weight (g)	55			
IIP3 (Input IP3) dBm	50			
Impedance(Ohms)	50Ω			
Power Supply (V)	+/-5 V DC			
Current(mA)	240mA (+5V) 100mA (-5V)			
Input Connector	SMA-Female			
Output Connector	SMA-Female			
Finishing	Gold Plating			
Material	Brass			
Seal	Hermetically Sealed			
Control (TTL Driver Included)	TTL Control			
	C3	C2	C1	Status
	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
	1	1	0	J0-J7
	1	1	1	J0-J8



Absolute Maximum Ratings	
Biasing	+/-5 V
TTL Control Voltage	+5V/oV
Input RF power	5W
Storage Temperature (C°)	-50 ~ +125

Environment specifications	
Operational Temperature (C°)	-45 ~ +85
Storage Temperature (C°)	-50 ~ +125
Altitude	30,000 ft (Controlled environment)
Vibration	55g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc

Ordering Information		
Part No	ECCN	Description
RFSP8TA0118G	EAR99	SP8T 1-18GHz PIN Diode Switch





RF-LAMBDA

The power beyond expectations

RFSP8TA0118G

Absorptive Coaxial Single Pole Eight Throw Switch 1-18.0GHz

