

**Description**

Mi-Wave's 914 Series SP4T Switch

**Notes**

1) Case temperature of SP4T should never exceed +45°C2) Reverse Biasing will destroy Switch ( Warranty Void)3) Warranty Void if VDC, TTL and/or RF Input Power exceeds maximum rating specified above4) Do NOT exceed +5V for Logic High on all TTL pins.

S/N: NA

**Electrical Specifications**

	<b>Minimal</b>	<b>Typical</b>	<b>Maximum</b>
Frequency	50 GHz		75 GHz
Insertion Loss		6.5 dB	
Isolation		30 dB	
Switching Speed		30 ns	
Bias Voltage		8 Volts	
Truth Table:			
J1		00	
J2		01	
J3		10	
J4		11	
Power Handling			23 dBm

**Physical Specifications**

Input Port	WR-15 Waveguide, UG-385/U Flange
Output Port	WR-15 Waveguide, UG-385/U Flange
Bias	Solder Pins
TTL port	SMA-F
Case Material	Aluminum
Finish	Gold Plated
Weight	2 oz



Tested by: Lokesh Saggam

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