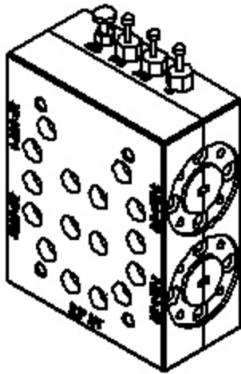


Full W Band 75-110GHz SP4T Switch



Description:

AT-SP4T-75110-30T2 is a SP4T switch covering 75-110GHz. This module offers a low insertion loss of -6.5 dB with typical isolation of -40dB.

It also has good return loss from 75-110GHz band in both ON and OFF state. The input and output connectors are WR-10. Other connectors can be provided according to request.

More information, visit www.atmicrowave.com

Feature

- ✓ Frequency: 75-110GHz
- ✓ Low insertion Loss, -6.5 dB
- ✓ High isolation: 30dB
- ✓ Very fast speed

Application

- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System
- ✓ Telecom Communication

Electronical Specifications:

Parameter	Min	Typical	Max
Frequency		75-110GHz	
Insertion Loss		-6.5dB	-10
Isolation	-35dB	-40 dB	
Return Loss	-7dB	-10dB	
Switching Time		100ns	
Vdd		+5V	
Control		C0/C1 TTL	
P1Db		+20dBm	
Spec Temp		25C	





AT-SP4T-75110-30T2

75-110GHz SP4T Switch

Mechanical Information

Item	Description
RF Input Port	WR-10
RF Output Port	WR-10
Case Material	Copper
Finish	Gold Plated
Weight	TBD
Size:	See outline

Absolute Maximum Ratings Table

Parameter	Value
Bias Voltage	+6V
RF Input Power	+23dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +150C

TTL and Bias Voltage

TTL	V2
High	2.0 to 5.5V
Low	0 to 0.8V
VDD	+5V (+/-5%)

Truth Table

C0	C1	ON
0	0	J0 to J1
1	0	J0 to J2
0	1	J0 to J3
1	1	J0 to J4



Dimension(mm)

