

SAC1271

Absorptive SP2T Switch Module 2~18GHz

Rev1.0

Features

- Frequency: 2~18 GHz
- Insertion Loss: 2.0 dB
- Input Power: 27 dBm
- Rise/Fall Time: 20 ns
- DC Power Supply @+5V/-5V: 60mA

Typical Applications

- Radar and ECM
- RF/ Microwave radio
- Military and Space
- Test and Measurement

General Description

SAC1271 is an absorptive SP2T switch module manufactured using microwave hybrid integration technology. The operating frequency from 2 to 18 GHz with 2 dB of insertion and 27 dBm of input power.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	2	—	18	GHz
Insertion Loss	—	2.0	2.6	dB
Isolation	45	—	—	dB
VSWR	—	—	2.0	:1
Input Power	—	—	27	dBm
Rise/Fall Time	—	—	20	ns
DC Power Supply @+5V/-5V	—	—	60	mA
Operation Temp	-20	—	+60	°C
Storage Temp	-40	—	+85	°C

Mechanical Outline

All dimensions are in millimeters

