

## DC - 4 GHz, High Isolation Solid State Switch



**10A4BU**

To support high sensitivity measurements, Renaissance has developed a high isolation SPDT that operates from DC to 4 GHz with 120 dB isolation between the input and output ports when in the no connect state. The total loss between any of the output ports and the input port is less than 4 dB. This switch is designed by cascading multiple GaAs switches in a compact housing that has isolation walls to minimize leakage effects and enhance the required isolation. The switch is controlled by nominal TTL voltage levels. The max input power level is 4W.

### PRODUCT FEATURES

- Wideband
- Low Loss, high isolation
- Compact

### BENEFITS

- One device for all sub-bands
- Helps improve system's efficiency
- Space saver

### SPECIFICATIONS

Frequency	DC – 4 GHz
Insertion loss	4 dB
Isolation	120 dB
VSWR	1.43: 1
Power	4 W
Temperature	-20 to 85°C
Size	4" x 4" x .56"