

# Jersey Microwave

## High Power / High Isolation Switches

### Features

- ✓ Low Insertion Loss
- ✓ Fast Switching
- ✓ Low Cost & High Reliability
- ✓ Customized Frequency Band & Interface Logic to Specific Requirement

### Specifications

| L-Band SP4T Switch |                            |
|--------------------|----------------------------|
| Frequency          | 0.5 – 1.0 GHz              |
| Insertion Loss     | 0.8 dB Typ.<br>1.0 dB Max. |
| Isolation          | 35 dB Typ.<br>30 dB Min.   |
| Power              | 100 mW CW                  |
| Switching Speed    | 50 nsec Max.               |
| VSWR               | 1.25:1 Max.                |

| S-Band SP2T Switch |                            |
|--------------------|----------------------------|
| Frequency          | 1.0 – 2.0 GHz              |
| Insertion Loss     | 1.1 dB Typ.<br>1.3 dB Max. |
| Isolation          | 45 dB Typ.<br>40 dB Min.   |
| Power              | 100 mW CW                  |
| Switching Speed    | 100 nsec Max.              |
| VSWR               | 1.35:1 Max.                |

| S-Band SP6T Switch |                            |
|--------------------|----------------------------|
| Frequency          | 0.8 – 1.2 GHz              |
| Insertion Loss     | 1.0 dB Typ.<br>1.2 dB Max. |
| Isolation          | 35 dB Typ.<br>30 dB Min.   |
| Power              | 100 mW CW                  |
| Switching Speed    | 100 nsec Max.              |
| VSWR               | 1.30:1 Max.                |

| C-Band SP4T Switch |                            |
|--------------------|----------------------------|
| Frequency          | 4.6 – 4.8 GHz              |
| Insertion Loss     | 1.2 dB Typ.<br>1.5 dB Max. |
| Isolation          | 50 dB Typ.<br>45 dB Min.   |
| Power              | 60 W Peak<br>1 W CW        |
| Switching Speed    | 100 nsec Max.              |
| VSWR               | 1.35:1 Max.                |

| X-Band SP4T Switch |                            |
|--------------------|----------------------------|
| Frequency          | 9.5 – 9.8 GHz              |
| Insertion Loss     | 1.2 dB Typ.<br>1.5 dB Max. |
| Isolation          | 50 dB Typ.<br>45 dB Min.   |
| Power              | 60 W Peak<br>1 W CW        |
| Switching Speed    | 100 nsec Max.              |
| VSWR               | 1.30:1 Max.                |

Note: Specifications are subject to change without notice