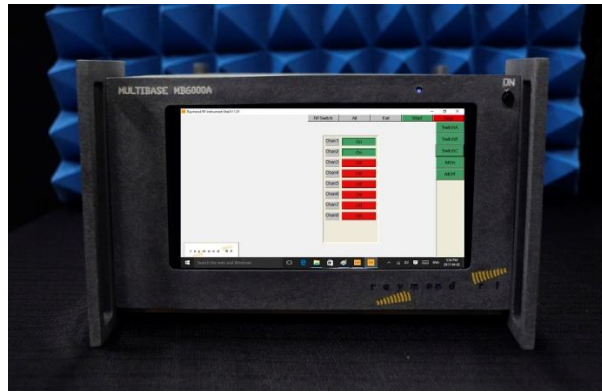# S6 Switch Module

**raymond RF**

## Description

Raymond RF's S6 Switches are supported by our MultiBase Controller.  With the optional GPIB Interface, it can be seamlessly integrated into industry standard EMC and Antenna Measurement Systems.

## Features

**RF Switch Module**



- Modular Designed Software linked with TCP/IP
- Customizable GPIB Commands
- Software upgradeable with USB flash drive
- Can control up to 6 RF Switch modules
- DC - 18 GHz
- low insertion loss, 0.25 dB typ.
- high isolation, 80 dB typ.
- high power handling
- break-before-make configuration
- reflective failsafe switch
- Good VSWR, 1.3:1 typical

## Specifications

**SMA Connector Panel on rear of MultiBase**



|  | S6-SMA | S6-N | S6-NHP |
|---|---|---|---|
| Bandwidth (Hz) | DC-18GHz | DC - 14GHz | DC - 11GHz |
| Insertion Loss (dB) | <0.4 | <0.5 | <0.5 |
| *Max Input Power (Watts) | 40 | 100 | 330 |
| VSWR (1:x) | 1.3 | 1.3 | 1.3 |
| Switching Speed (mSecs) | 20 | 20 | 20 |
| Chanel Isolation (dB) | 80 | 80 | 80 |
| Connector Type | SMA | N-type | N-type |
| Configuration | SPDT | SPDT | SPDT |

* see chart on next page

## Options

- Industry compatible GPIB Interface.  Designed for Commercial Measurement Software
- USB Keyboard & Pointing Device
- Rack mount kit for 1/2 width or full width 19" rack

# S6 Switch Module

Graph: AVERAGE POWER INPUT-WATTS versus FREQUENCY GHz, showing curves labeled HIGH POWER N CONNECTOR, STANDARD N & TNC CONNECTOR, and SMA CONNECTOR.

www.raymondrf.ca