## SMP6101/6102/6122/6144



$$
\begin{array}{ll}
\text { SMP6101 } & 10 \\
\text { 1x4 Coaxial Trees }>1.3 \mathrm{GHz} \\
\text { SMP6102 } & 17 \\
\text { SMP2 Coaxial Switches }>1.3 \mathrm{GHz} \\
\text { SMP6122 } & 6 \\
\text { SMP6144 } & 2 \times 2 \text { Matrices }>1 \mathrm{GHz} \\
1 & 4 \times 4 \text { Matrix }>1 \mathrm{GHz}
\end{array}
$$

Highest Density RF Switches
\& Matrices
10 W Maximum Switching Power
Can be Mixed and Matched to Create
Application Specific Configurations
Ideal for General Purpose RF
Switching with High Signal Fidelity
and Total System Bandwidths > 1 GHz
No Unterminated Stub Effects
Excellent Crosstalk and Isolation

## Coaxial Switches >1.3 GHz

## Overview

The SMP6100 series of high-density RF switch modules is designed for high-fidelity RF switching applications up to 1.3 GHz. Excellent crosstalk and isolation is maintained by using RF relays with bandwidths in excess of 2.0 GHz , along with short low-loss coaxial runs from the connector directly to the relays. All modules are also configured to avoid any unterminated stub effects, improving overall signal integrity and allowing for high frequency matrix designs and larger multiplexer configurations while maintaining bandwidth and VSWR. The front panel contains two high-density, 26-pin coaxial connectors designed for high reliability and superior signal integrity.

The SMP6100 Series is part of the SMIP $/ I^{T M}$ family and can be mixed and matched with other SMIPIITM modules to configure high-density switching systems.

## Specifications



