



**FOR IMMEDIATE RELEASE**

## **Radiall launches new line of Low PIM coaxial switches**

February 2014 - Radiall, a global leader in design, development and manufacturing of innovative interconnect solutions, proudly launches a new line of Low PIM (Passive Intermodulation) coaxial switches. The rapid growth of 4G/LTE networks has led to the need for better performing Low PIM devices. As a result, Radiall developed a broad series of switches including the following configurations: SPDT, DPDT, SP4T, and SP6T. These configurations are available with either SMA (up to 18 GHz) or N (up to 12.4 GHz) type connectors.

With over 500 part number configurations available for purchase, these switches offer longer life cycles with 2 million actuations guaranteed, versus the industry average of 1 million cycles. The combination of part number configurations, long life cycle guarantee, and Low PIM performance make these devices a perfect solution for RF test systems and test benches demanding excellent passive intermodulation performance.

### **Specifications (General):**

- Based on Radiall's proven RAMSES modular concept
- 3<sup>rd</sup> order intermodulation characteristics of -160 dBc @ +43 dBm (20 watts)
- Excellent RF performance
  - SMA Models
    - Isolation: 60 dB @ 18 GHz Max
    - Insertion Loss: 0.5 dB @ 18 GHz Max
    - VSWR: 1.5 @ 18 GHz Max
  - N Models
    - Isolation: 60 dB @ 12.4 GHz Max
    - Insertion Loss: 0.5 dB @ 12.4 GHz Max
    - VSWR: 1.5 @ 12.4 GHz Max

For further information Radiall's new Low PIM switch product line, please contact a Radiall sales representative, Distributor or visit [www.radiall.com](http://www.radiall.com)

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### **About Radiall**

Radiall is a global manufacturer of leading-edge interconnect solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave

components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India, and China.

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