*FOR IMMEDIATE RELEASE*

# SMP-LOCK® Space Applications

July 2018 – Radiall, a global leader in design, development and manufacturing of innovative interconnect solutions, has expanded its range of products equipped with an SMP-LOCK® interface for the Space market. The innovative SMP-LOCK® connector features a robust locking mechanism, which dramatically increases the retention force of the interface and prevents accidental disconnection.

To meet market demands, Radiall's SMP-LOCK® product offering for the space market features new connector variants, cable assemblies, attenuators, loads and switches. Radiall's SMP-LOCK® is a high performance interconnect solution at a low cost. This connector is compliant with an SMP interface and includes a unique quick locking system to simplify installation and provide a secure connection. It is a perfect alternative for SMA and SMA2.9 since it can work up to 40GHz and avoid any risk for bad connections during integration.

**FEATURES & BENEFITS**
- Broad range qualified up to 22GHz
- Easy connect and disconnect
- Audible click and visible indication that plug is locked
- No need of torque wrench
- Reduced risk of damage to equipment
- Saves integration time

**TYPICAL ELECTRICAL & MECHANICAL CHARACTERISTICS**
- DC to 22 GHz
- VSWR < 1.2
- EMC > 85 dBi
- Low power: 2 W
- Mating life: >100 cycles
- Max temperature range: -65 °C to +165 °C
- Random vibration: global overall level up to 50 grms
- Mechanical shock: up to 4200g
- Designed with venting holes

For further information on SMP-LOCK for Space applications, please contact a Radiall sales representative, Distributor or visit 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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