



FOR IMMEDIATE RELEASE

Radiall Expands its Broad SMP Range with SMP-LOCK® *The Ultimate Secure Connection*

Tempe, AZ – December 2012 - Radiall, a global leader in RF connectors and interconnect devices has expanded its broad range of SMP products with SMP-LOCK® connectors featuring a robust locking mechanism, which dramatically increases the retention force of the interface and prevents accidental disconnection.

Offered with a limited number of receptacles and straight or right-angle plugs for standard cables, SMP-LOCK® connectors can be easily customized to fit preferred cable types or to meet the needs of specific microwave modules. They have been specially designed for harsh environments and to withstand severe vibration and drop tests.

SMP-LOCK® connectors are suitable for cable-to-cable or cable-to-module interconnections inside equipment subject to harsh mechanical stress such as airborne radars, avionics, satellites, missile, and UAV and UGV applications. For high-density PCB or panel layouts, an extraction tool is available to ease the connect/disconnect operations. SMP-LOCK® plugs are compatible with most standard SMP receptacles in the unlocked position, with the exception of catcher's mitt type.

The addition of an innovative locking mechanism to the SMP interface makes it less vulnerable to the most demanding vibration and shock requirements. With SMP-LOCK®, the retention force of the connector when locked is specified at 450N with .085" semi-rigid cable. This level of retention is 10 times more than with standard SMP full detent interface! The actual force required to break apart male and female connectors when locked is extremely high and has been measured at 1500 N. This is the highest in the industry for this type of micro-miniature connector making SMP-LOCK® the perfect solution when extreme vibration and shock impact equipment.

For further information on SMP-LOCK®, 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. www.radiall.com.

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