



**FOR IMMEDIATE RELEASE**

**Radiall introduces the new QLI Connector with a bayonet locking mechanism providing a Quick Lock with Low Intermodulation (QLI)**

June 2013 - Radiall, a global leader in design, development and manufacturing of innovative interconnect solutions, introduces the new innovative connection – QLI. With the QLI, Radiall introduces a new solution for harsh environments, where performance and safety are critical.

QLI connectors are designed to provide performance similar to DIN 7/16 with a very low intermodulation level. Radiall's QLI connector employs the proven bayonet concept for secure connections. The QLI concept enables quick installation requiring no tools, and can be accomplished with one hand. The reduced footprint (compared to 7/16 series) allows for use in high density applications.

The QLI is double sealed, and includes a special anti-corrosion and watertight plating. The advantage of QLI's double sealing allows for use outdoors without any additional protective skin (electrical insulation putty or adhesive tape). These features make this connector the best choice for outdoor installations and indoor applications where the best performance is required.

QLI connectors are available in many variations including: plugs, jacks, straight or right angles, square sockets & bulkhead models. This new compact design is perfectly suited for applications that require high density integration.

General specifications:

- Impedance 50Ω
- Frequency range DC~6GHz
- Very low intermodulation level  $\leq -163$  dBc & low RF leakage  $\leq -110$ dB @ 1GHz
- Bayonet locking concept provides coupling retention force 450 N
- VSWR 1.04 +0.02. $\sqrt{f}$
- Meets all requirements for IP67
- High mating life
- 3 step connection: Engage, Push & Lock
- Intuitive design concept
- Light weight
- Reduced size allows more space for other components
- RF Power: Up to 1000 W @ 2 GHz

For further information on the new QLI, 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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