



**FOR IMMEDIATE RELEASE**

Universal Quick Disconnect

**October 2026** — Radiall, a global leader in interconnect solutions, launches its Universal Quick Disconnect (UQD) coupling range for liquid cooling. Developed to address the growing adoption of direct liquid cooling in AI data centers, UQD couplings support efficient thermal management in high-density computing environments.

As compute power continues to rise, direct liquid cooling enables higher rack densities while improving energy efficiency and thermal management. Radiall's UQD couplings are designed for demanding environments, combining precision engineering with a strong focus on quality and reliability.

Radiall leverages decades of experience in designing high-reliability interconnect solutions for demanding applications across aerospace, space, medical and quantum computing. This same engineering expertise is applied to liquid cooling solutions for AI data centers, delivering the performance and reliability required for mission-critical infrastructure.

As AI data centers continue to expand, Radiall's UQD couplings provide the scalability, OCP compliance and ultra-reliable, leak-free performance required for today's mission-critical liquid cooling systems.

**Features & Benefits**

- Available in sizes 02, 04, 06 and 08 to meet cooling loop requirements
- Plug & socket architecture for standard integration
- Suitable for long-term use in cooling loops

**Applications**

- Direct-to-chip liquid cooling loops
- Manifolds and interfaces in server racks
- CDU connections and maintenance operations
- Data centers, colocation facilities, edge computing and HPC infrastructures

For more information about Radiall's liquid cooling solutions, please contact a Radiall sales representative or visit [www.radiall.com](http://www.radiall.com).

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