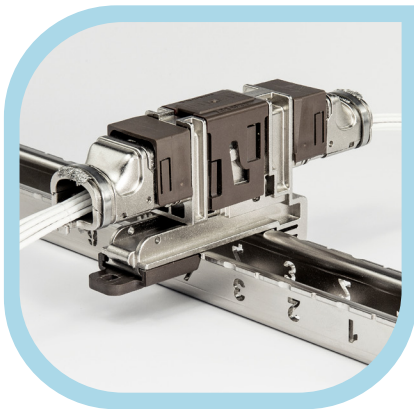


QM Size A

Ultra light connection, right at your fingertips

QM Size A connectors are a perfect solution for in-line disconnect applications on commercial airplanes due to their compact size and quick installation design. QM Size A connectors are a smaller version of QM size B, which are widely used in today's market.



Quick installation and a unique system for rail fixation make QM series connectors an attractive option for the most severe aerospace systems.

Radiall's new QM size A, is a quick install/quick mate connector that can be mounted in less than 12 seconds without any specific tools. The innovative slide-lock system uses just your fingertip to mate the plug and receptacle shells together, saving time and cost.

Offering a 40% weight saving, QM Size A is the perfect alternative to QM Size B when a smaller insert is required. This design adapts to the exact number of contacts needed in the wiring system, reducing overall cost.

QM Size A allows for simplified wiring architecture which provides quick and easy access, and reduced maintenance cost. Unique click-on system eliminates potential source of FOD in aircraft.



Optimize weight, installation time and cost with QM size A.

Ultra light connection, right at your fingertips



QM Size A Connectors

The QM Size A variation is a perfect fit for existing QM series designs. This design utilizes the same range of contacts and rails as QM Size B. Both options can be used on the same rail simultaneously for maximum optimization for space and weight.

The inserts utilized for QM size A cover all contact technologies including: signal, power, coax and fiber optics. In addition to providing grounding features, QM Size A backshells offer excellent EMI shielding for flat braid wires or inside an overall harness braid.

QM Size A connectors offer outstanding performance and mechanical features that provide long lasting durability in an aircraft wiring system.

Features & Benefits

- Reduced overall cost of ownership
- Quick mate/Quick install with no tools
- Compact design offers a 40% weight savings versus QM Size B
- User friendly design employs unique rail fixation concept

Applications

- Aircraft manufacturers: single aisle, wide body, business jets or regional aircrafts

Main performances

- T° range: -65°C / +155°C
- Altitude immersion: 50,000 feet
- Vibration: 13.8 grms
- Shock: 50g
- Lightning strike: 3.6 kA

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