

RoHS Arinc 600

The Environmentally Friendly Connection

Radiall introduces the new RoHS Arinc 600 family of connectors designed to meet the needs of aircraft manufacturers. Maintaining Arinc 600 performance, these connectors are RoHS compliant yet still maintaining the same performance and cost efficiency that Radiall is known for.



Radiall is a global manufacturer of leading-edge interconnect solutions. In our relentless pursuit of innovation, we've developed a unique solution, Surtec 650V, that is QPL qualified per MIL-DTL-81706B type II, class 3 and is free of hexavalent chromium, which is part of the substances banned by RoHS directive.

This solution also provides a unique colorful layer (blue-grey) which helps identifying RoHS and non RoHS connectors on the same production line. As a leader in rack and panel connectors, Radiall has redefined the RoHS industrial process to have complete control over the products in mass production.

Features

Design

Radiall is the first manufacturer to fully qualify RoHS models according to the Arinc 600 standard.

Rack and Panel Connectors

Radiall provides the same trusted Arinc 600 performance, now RoHS compliant.

Service

Radiall has sales and manufacturing facilities around the world saving customers time and money when sourcing components.



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When RoHS compliance and Arinc 600 performance are required, the best choice is Radiall - the widest range of Arinc 600, RoHS compliant connectors available.

RoHS Arinc 600 - The Environmentally Friendly Connection



Radialls trusted and proven Arinc 600 connectors are now RoHS compliant

Radiall's strong commitment to its customers and the environment lead to the development of RoHS products, which are now a critical requirement for leading aircraft manufacturers worldwide.

Based on the common usage of the Arinc 600, Radiall developed a product (formerly using Alodine) and made it RoHS compliant, while maintaining the same trusted performance. Ensuring compatibility with existing Alodine connectors in avionic bays, we offer the most cost effective RoHS solution to our customers.

General

- Temperature: -65°C / +125°C
- Salt spray: 48 hours (5 cycles)
- Contact resistance (grounded contacts) : < 10 mΩ
- Resistance to fluids: according EN3909
- Lightning strike current and voltage pulse: 1600A / 750V
- Validation of compatibility between RoHS and Alodine shells during qualification
- All substances used in Arinc 600 solutions are compliant with REACH
- Compatible with Alodine connectors
- Chromatisation finish (Surtec 650V)