



High Temperature Resistance Selection Guide for Liquid-Cooled Switches Used in Supercomputing Centers

Liquid cooling--specifically Direct-to-Chip (D2C) or Cold Plate technology--has emerged as the standard solution for heat rejection in modern ...

The recommended environmental envelope is intended to guide operators of data centers on the energy-efficient operation of data centers while maintaining high reliability.

The two types of liquid cooling used on a large scale in the data center field are cold-plate and submerged liquid cooling. Other types such as spray cooling have not been deployed on a ...

Liquid cooled ITE solutions such as cold plate and immersion cooling enable usage of higher temperature liquids, resulting in much greater quality of waste heat.

Readers of this technical guide are likely seeking insight into how to deploy liquid cooling to support rack densities up to, and in some cases exceeding 50 kilowatts (kW) per rack.

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This paper provides a comprehensive analysis of ILC technology, examining coolant classification and selection criteria, the operating principles and performance of various liquid-cooling ...

Typically the selection of cooling towers is an iterative process since there are a number of variables resulting in the opportunity for trade-offs and optimization.

In collaboration with third-party professional institutions, H3C conducts experiments to ensure their long-term reliability and establishes a complete high-performance thermal material selection platform for ...

Five unique cooling solutions exist in the market today; each have varying cooling performance, cost, and reliance on facility chilled water supplies.

Imagine a data center where even the most powerful switches run cool and stable-- without noise, thermal throttling, or energy waste. Cisco is actively innovating in direct-to-chip liquid ...

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