

**Nidec's Water-cooling Modules are Adopted for Use in Certain Models of Fujitsu's Optical Transmission System, FUJITSU Network 1FINITY Series**

Nidec Corporation (TSE: 6594; OTC US: NJDCY) ("Nidec") today announced that its water-cooling modules have been adopted for use in T900 and T950, two of the high-end models of the 1FINITY series, the optical transmission system developed by Fujitsu Limited ("Fujitsu").



**T900 and T950 of Fujitsu's 1FINITY Series**

The 1FINITY series, the optical transmission system that Fujitsu developed, enables high-speed, large-capacity data transmission in urban areas and between cities. T900 and T950 of the series, the world's first optical transmission system models to be equipped with water-cooling technology, have reduced electricity consumption significantly.

The Nidec-produced water-cooling modules adopted for use in T900 and T950 have the following features that contribute to the 1FINITY series' energy-saving performance and compact size:

1. **Compact: The employment of Nidec's water-cooling technology has reduced the products' sizes from 6RU (Rack Unit) to 2RU.** Furthermore, the design that accommodates water-cooling modules inside the unit helps the optimization of the entire units' designs.
2. **High cooling performance:** In addition to reducing the sizes of T900 and T950, Nidec's water-cooling modules have achieved cooling efficiency twice those of air-cooling systems.
3. **Efficient & energy-saving:** Nidec's water-cooling modules reduce electricity consumption up to 50% more than conventional units.

While preparing for the mass production of its water-cooling modules, Nidec applied the liquid-sealing technology used for them to T900 and T950, and launched the supply of the high-quality, high-reliability modules in February 2023.

Aiming to curb the socially urgent issue of global warming, Nidec address various issues to help improve people's lives. By tackling heat-related technical issues arising amid semiconductors' densification; the increase in IT devices as a result of the rapid spread of AI and the spike in data quantity; and the increase in CO<sub>2</sub> emissions – a social issue occurring upon the global increase in demand for electric power – Nidec stays committed to actively proposing thermal management and energy-saving solutions to its customers.

For more details on our aforementioned products, please contact Sales Division of Nidec Corporation's Small Platform Motor & Solutions Business Unit at +81-3-3494-1017. Thank you.