

Design of a temperature monitoring system for a telecommunications station

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Abstract: In the current context, the operational efficiency and reliability of telecommunications stations are decisive factors in data transmission services. This topic focuses on designing a temperature monitoring system to ensure stable and safe operation for the station. The main objective is to develop an automated solution for monitoring and adjusting temperature, based on a combination of theoretical and experimental methods. Through this research, we expect to enhance the overall performance of the telecommunications system while minimizing maintenance costs.

Keywords: Temperature monitoring, Telecommunication station, Automation, Applied theory, Thermal management