

Design of cable television network structure to support data transmission, internet, and VOD.

Nguyen Thi Thu

Abstract: In the context of increasing demand for diverse cable television services such as data transmission, internet, and video on demand (VOD), this topic focuses on designing a television network structure to effectively meet the above requirements. Through theoretical research on modern transmission technology combined with experimentation, the project will build a cable network system capable of providing high-quality multimedia services to end users. The objective of the topic is to provide a solution for optimizing data transmission performance while ensuring stability and safety during operation. The expected results will contribute to the development of digital transmission technology in the telecommunications industry, while providing valuable information for researchers and managers.

Keywords: network structure, cable television, multimedia services