

Design of optical communication link and implementation of link quality assessment

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Abstract: This topic focuses on designing an optical information transmission system to meet the increasing demands for speed and performance in information networks. Through a combination of theoretical research and experimentation, the topic will construct optical routes that optimize signal quality while evaluating their performance according to international standards. The expected results will contribute to improving the quality of communication services and support the deployment of modern optical network systems.

Keywords: optical line, quality assessment, information transmission, system design, experimentation