Abstract

This paper presents a step by step design and field implementation of a protected GPON FTTH access network serving 1000 users. The basic components of the network are presented and the contribution of each component to the architecture of the FTTH network is addressed. The design incorporates Class B protection, to provide redundancy in the feeder and GPON port, the practical implementation of a protected FTTH network is highly emphasized.

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Index Terms

Computer Science Networks
Keywords
GPON  FTTH  broadband  Fiber Optics communications