

## **FIBER-OPTIC LINKS WITH USE OF CWDM TECHNOLOGY**

A model of the fiber-optic links with the use of wavelength-division multiplexing technology on the example of the URAN network in Poltava is proposed. It is suggested to carry out the modernization of the existing network using coarse wavelength division multiplexing technology. Based on the analysis of the network topology in Poltava, there is presented a variant of equipment placement for correct system operation, while connecting clients to the new network without interrupting the service.

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