

Abstract

The thesis project examined the organization of multi-service subscriber access network in the district Aқbұлақ Almaty. In the calculation of the payment made and the calculation of the amount of load of digital streams and calculation of parameters of the optical cable. All calculations are made in the program delfi. In the life safety analyzes working conditions of operators made the calculation of lighting and air conditioning. In the economic part of the calculated absolute economic efficiency of capital investments, and the payback period is defined.