

Abstract

HFC network is improve from CaTV network which in begin with using coaxial cable for media transmission. Structure of HFC is a combination of optical links use as a backbone and coaxial cable as a feeder. This network can distribute some service like video, data and voice.

For obtain consumer interest for choose Buah Batu Regency residence, developer using of HFC network that hopefully can giving multimedia service for consumer. Service which will giving like internet service, Cable TV and security camera service which will used to ensure security in environment residence. In other this network can distribute good service to consumer have some a factors need concern like which using topology, determination equipment, power link budget and system performance.

From planning result indicate performance from all line more great from using standard, that is CNR=43, CSO= 50, CTB=50 and Xmod=51.