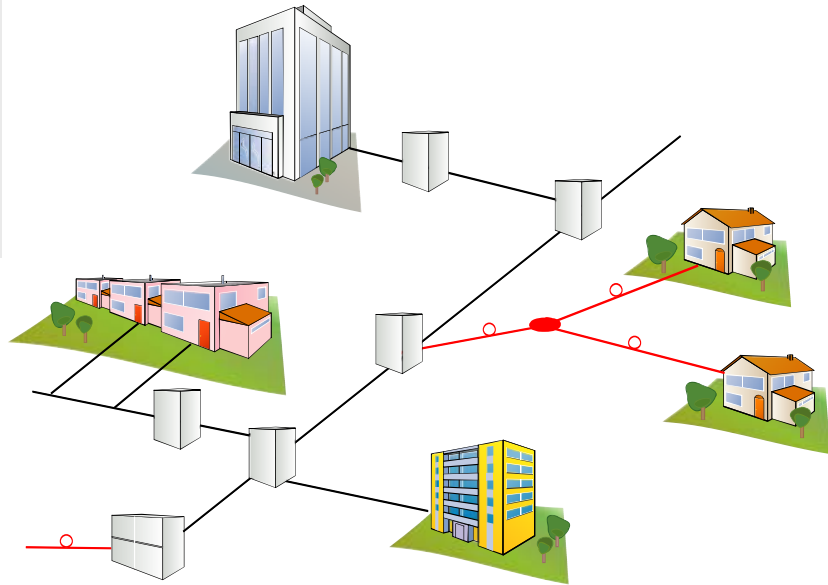


Remote households

Introduction/Applications

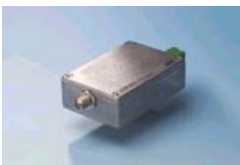
Applications:

- ◆ Ideal for extending the reach of HFC network to single residences.
- ◆ Need to cost effectively deliver CATV services to remote residences.



OPTICAL NODE EXTENDER

The EMC optical node extender is designed to provide classical TV and DOCSIS based services over fibre to remote households. It is ideal for CATV operators who want to extend the reach of their HFC network to single households while eliminating the need of active RF amplifiers and at same time all costs associated with deploying and servicing outside cabinets.



FIBER OPTIC TRANSCEIVER SYSTEM

The EMC fiber optic transceiver is a universal device that allows CATV operators to deliver CATV and DOCSIS based services to their subscribers. It is ideally suited for residential and small multi-family dwelling applications. The unit is typically mounted in the home termination housing and is designed to serve many subscribers.



HOME TERMINATION HOUSING

The EMC home termination housing serves as a demarcation point in the basement of multi-family dwelling units. Provided with a fiber splicing area, the housing is intended for rapid and easy mounting. Installation involves wall mounting of the housing and splicing the input fibers. The housing is also designed to accommodate high speed Ethernet interface connectivity.