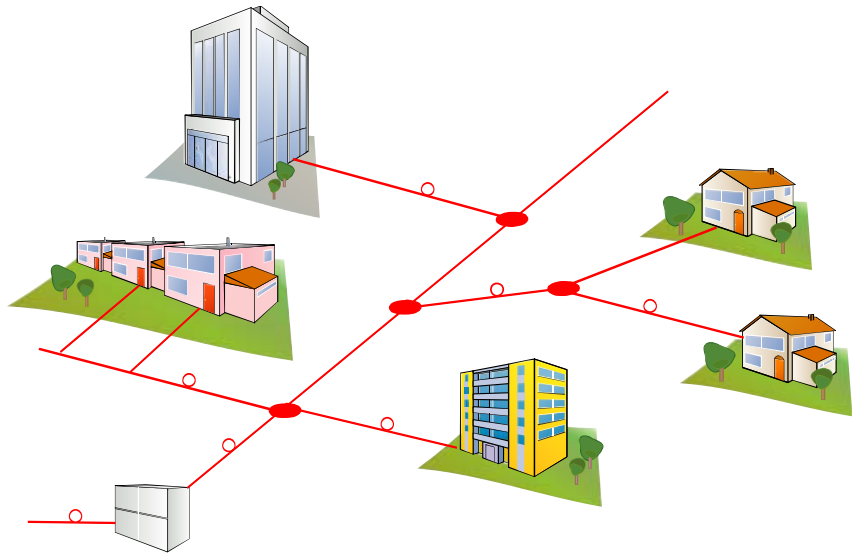


## FTTH/FTTB solutions

### Applications

- ◆ Need to deploy a new infrastructure in existing or new housing communities.
- ◆ Need to refurbish aged coax plant.
- ◆ Need to reduce all costs associated with deploying and servicing outside active cabinets.
- ◆ Need to optimise existing networks for new digital services and service flexibility.



### OPTICAL NODE CONVERTER

The EMC optical converter is designed to provide classical TV and DOCSIS based services over fiber, eliminating the need of active RF amplifiers and all costs associated with deploying and servicing outside cabinets. It is ideal for cable operators who need to ensure legacy CATV services when deploying fiber-based access network. The unit can serve up to 48 home CATV transceiver units and is suitable for outdoor environment.



### 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.



### FIBRE OPTIC TRANSCEIVER Socket

The EMC transceiver socket is a device that allows CATV operators to deliver CATV and DOCSIS based services over fibre directly to their customers. The socket accommodates a high speed Ethernet interface connectivity. The socket is pre-terminated for rapid and easy installation at the subscriber's apartment.