

SUBONET[®] is a local loop access optical network to deliver broadband services and full interactivity to accommodate current and future services. It integrates the broadband CATV services, high speed data communication, and voice over one single, flexible, and open system.

SUBONET[®] ensures full compatibility with existing subscriber equipment and cable operator architecture.

What services does SUBONET[®] offer?

The system delivers simultaneously:

- ❑ **The same analogue TV channels** as existing HFC systems, over a bandwidth extending to 862 MHz with an outstanding signal quality in accordance with European CENELEC standards.
- ❑ **For the the digital TV channels** the bandwidth extends to 1 GHz, permitting the transmission of more than one hundred digital compressed MPEG channels as well as the allocation of special targeted services.
- ❑ **A cable modem based internet access** fully compatible with the standardised DOCSIS system with which many customers are already familiar.
- ❑ **A Point to Point dual link** permitting data transmission throughput from 10 Mb/s to 1 Gb/s in full duplex Ethernet. It can be activated anytime as demand for additional services increases. (high speed internet, video conference, VoD, LAN and much more....)

Features:

- ❑ Flexible structure: open to various data transmission systems.
- ❑ Future proof: Mix of services to be adjusted according customer demand.
- ❑ Compatibility: open to various network architectures and building configurations.

