

**SUBONET<sup>®</sup> 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<sup>®</sup> ensures full compatibility with existing subscriber equipment and cable operator architecture.**

**Cabling system:**

In the installation of a FTTH, the cost of installing optical fibre is a significant part of the overall investment to which particular attention must be paid. EMC has opted for an advanced, cost effective cabling system, which combines ease of installation and reliability. The fibre optical cable is specifically designed for internal cabling system and fits in almost all building configurations. Its compactness and its external reinforcement permit a trouble free and speedy installation.

The deployment of the fibre to each subscriber is made from a wall mounted fibre joint cabinet. It contains all the passive components necessary to ensure reliability and easy of maintenance of the system. Small diameter plastic tubes protecting the fibres are drawn into existing wiring ducts.

Pre-assembled concept is used as far as possible minimising installation time and maximising the reliability.

**Features:**

- ❑ High reliability of the system by using specifically designed cabling system, protecting tubes, and pre-assembled concept.
- ❑ Installation is in most cases carried-out by normal qualified labour.
- ❑ Ease of installation by using fibre optic cable instead of coax ( significantly heavier).
- ❑ Building work is in almost cases unnecessary by taking advantage of existing wiring ducts.
- ❑ Great flexibility and ease of maintenance by appropriately combining both splicing connectorized fibre technology.
- ❑ Safety by using fire resistant material for the protection tubes.
- ❑ Comprehensive system thanks to its physical modularity.

