About us

EMC, Electronic Media Communication SA, headquartered in San Antonino, Switzerland. The Company was founded in 1997 following a Management Buy-Out of the engineering division of the regional CATV network operator. With more than 20 years experience in designing and manufacturing CATV equipment, EMC's business today is to provide innovative communications solutions which fulfil high requirements for performance, operational stability and cost-effectiveness.

Our expertise and experience is best known for designing, manufacturing highly integrated fiber optic products for the transmission of analog, digital TV signals and digital transmissions systems.

We are committed to innovative solutions. All EMC fibre optic products are customer oriented designs meeting the customer and market requirements.

We build our reputation by developing cost effective and reliable products in straight collaboration with our customers. Our completeness, the flexibility and high level of expertise of our engineers make us an attractive partner for network operators.

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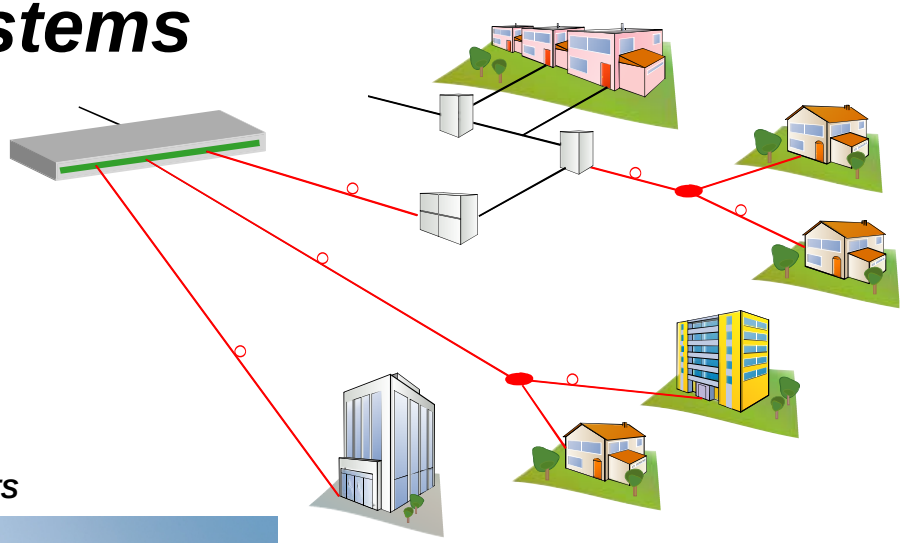
Fiber evolving systems



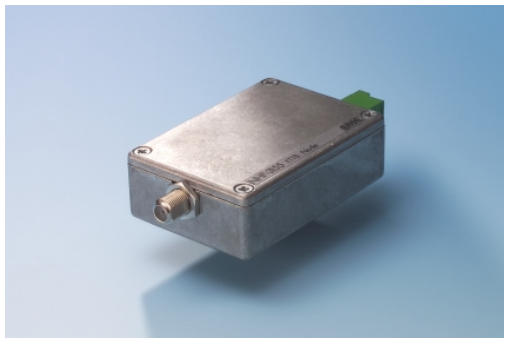
The **EMC** fiber evolving system provides a complete line of products. The **optical node extender** includes a forwarder transmitter and return path transmitter all built into an ruggedised enclosure. It is ideal for extending the reach of HFC plant to single households.
The **multiple return path receiver** system offers a high density return path receiver especially efficient when number of return channels is important.
The **fibre optic transceiver** system performs the signal conversion in both directions at basement of subscriber's home. The **home termination housing** offers a protecting fibre and splicing area for easy and rapid home installation.

OPTICAL NODE EXTENDER

Optical node extender in Ruggedised housing

- Two-way operation: 5-65MHz/47-862MHz
- Compatibility with DOCSIS 1.0/2.0
- Input: coax 3,5/12 / Output: 4 fibre ports
- Compact, ruggedised cast Aluminium housing
- No intervention at headend required
- Easy to install in the coax plant

FTTB PRODUCTS



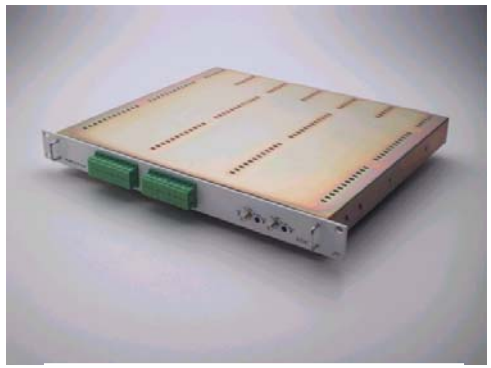
NHP Fiber optic transceiver system

- Two way operation: 5-65MHz/47-862 MHz
- Complies with CENELEC & DOCSIS Standards
- High RF output for in-house distribution
- No adjustment required
- Ruggedised compact cast aluminum housing
- Plug & Play functionality
- Ideal for FTTB applications

Home termination housing

- Accommodates CATV Transceiver
- Fiber protecting and splicing area
- Weather resistant moulded housing
- Dedicated rubber for cable entries
- Ideal for FTTB applications

MULTIPLE RETURN PATH RECEIVER



1HE/19" Multiple RP receiver system

- High port density RP receiver
- Compatibility with DOCSIS 1.0/2.0
- Outstanding SNR performance
- From 4 to 32 return channels per chassis
- One to two RF output
- Cost efficient
- Fully connectorised