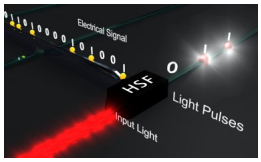

HSF **Optical Network** Division offers a wide range of standard and custom optical networking solutions.The approach to the system design is realized using state of the art software tools which allow to meet the client requirements with and high level of accuracy.
Optical Network Division deep knowledge of passive **DWDM** and **CWDM** design merges with a long experience in optical cabling integration, installation and testing.

Capabilities of the HSF Optical Network Division are among the others:

- All optical passive DWDM and CWDM optical networks
- Single wavelength routing
- Add & Drop capabilities with custom channel plans
- Concentrated and distributed multiplexing and demultiplexing
- Band coupling and splitting
- Auxiliary channel management
- Short, Medium and Long reach systems

Services:

- Assembly and Test
- Installation and Monitoring

The Optical Network Division can also provide custom designed amplifiers able to extend the network reach of new installations or improve the performance of already deployed systems.