

A SYSTEM FOR UNIDIRECTIONAL DATA TRANSFER

ABSTRACT

The present disclosure envisages a system for unidirectional data transfer. The system comprises a sender server from which information is to be transmitted. A sender module is communicatively coupled with the sender server, and the sender module comprises an optical driver for receiving information from the sender server as input signal. The optical driver is configured to generate and transmit a modulated signal based on the input signal. The sender module further comprises an optical receiver optically coupled with the optical driver as a loopback connection, wherein the optical receiver receives the modulated signal and provides a feedback to the sender server. The modulated signal is transmitted to a receiver module which comprises an optical receiver. The receiver module then transmits the modulated signal to a receiver destination server.

15 Fig. 1B