

FIBER LINK TRANSMITTER COMMUNICATION MODEM

Radu GĂVRUȘ¹

Abstract: *Fibre link communication modem is one of the multi-service networking solutions. The solution is suitable for data communications into ad-hoc computer networks or industrial networks.*

This paper presents ad-hoc solution design implementation of the fibre link radio based transmitter module, implemented into an FPGA, responsible for data framing packing. The system is corresponding with data link layer level from OSI reference model.

Key words: *Communication, data link layer, FPGA.*

¹ Dept. of Electronics and Computers, *Transilvania* University of Braşov.