

ABSTRACT

This invention eliminates a time needed for communication handshaking by executing pre-communication protocol based on a prestored communication parameter. Specifically, at the time of carrying out a normal protocol, a modulation mode, a communication protocol, a modem parameter and a modem's optimal training time, etc., which are set by four communication channels, e.g., a communication channel for selecting a modulation mode, a communication channel for implementing line probing, a communication channel for modem training, and a communication channel for setting a modem parameter, are stored for each destination communication apparatus, and subsequent communication is implemented based on the stored information.