

ABSTRACT

5 A transmitter for a data communication device
includes a self-configuration register, an input register
and a multiplexer. The multiplexer combines information
from the self-configuration register with a start bit and
a data identification bit to form a configuration data
10 packet and transmits such a packet on an optical fiber.
The multiplexer also combines information stored in the
input register with a start bit and a data identification
bit to form a message data packet that is transmitted on
the optical fiber. A cooperating receiver includes
15 circuitry to decode the configuration and message data
packets.

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This Sheet Has Been Replaced

