

Title: LL432

Product number: LL432

Brochure Number:

General:

Operation: This device is used to convert an asynchronous RS232 data signal to an optical signal, which is then sent as a serial data stream down the fibre optic cable.

At the receiving end the serial data stream is then converted back to the corresponding RS232 data signal. Each LL432 unit comes equipped with both transmit and receive industry standard ST connectors. The units can be configured for either DCE or DTE by means of jumpers on the circuit board. If the unit is configured for DCE, then transmitted data is on pin 2 and received data is on pin 3. If, on the other hand it is configured for DTE, then transmitted data is on pin 3 and received data is on pin 2.

The unit requires no external power supply as it derives power from the signals. This makes the unit easy to use, but the draw back is that because of the relatively low power available from the signal line, the range over the optical fibre is not as far as the externally powered units.

Single channel RS232 fibre interface

