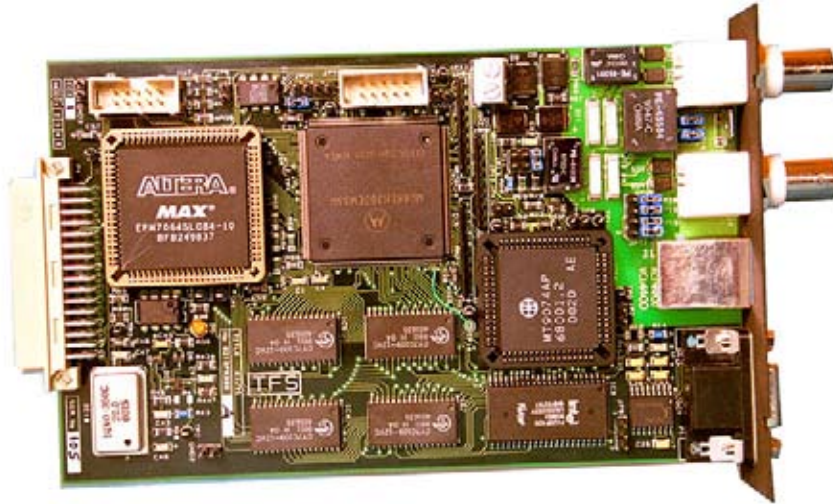


SDH E1-T1 Interface Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The SDH E1-T1 Interface Module provides the capability for the transmission and reception of time data across either E1 or T1



Features

- Transmission and reception of time data across either:
 - E1 Megastream link at 2.048MHz, or
 - T1 Megastream link at 1.544MHz.
- The interfaces provided on this module conform to CCITT Recommendation G.703.
- Drop and insert multiplexing and de-multiplexing for four 64 kbit channels.
- The four channels can be independently configured for either transmit or receive and they can also be configured to any one of the available user channels.

Applications

This module is ideally suited for use in the integration of M210 or M211 Timing Systems into new or existing telecommunication networks.

Through the use of this module, time data can be readily transferred using the new or existing network structure, thereby minimising the integration costs.

SDH E1 T1 Interface Module Specifications

Module Connections

The E1/T1 Interface connections are provided by:
Twin BNC for 75Ω connection
Screened RJ45 female connector for 120Ω connection

Interface Standards

The interfaces conform to CCITT Recommendation G.703

Interface Protocols

A range of standard protocols are available for selection via the front panel keyboard of the Timing System. The selection is stored in non-volatile memory. For details of the available protocols, consult the Sales Office.

Interface Configuration

Interface configuration is performed via user menus which are available through use of the front panel keyboard of the Timing System. Each of the four data ports on the module can be configured for transmit or receive channel number. The four data ports can be individually configured for any one of the 30 available user channels.

Environment

(Operation & Storage)
Temperature : 0°C to +40°C.
Humidity: Up to 95% RH (non condensing)
EMC: CE compliant

Ordering Information

Please quote part number when ordering: 0210FK000X

As we are always seeking to improve our products, the information in this document only provides general indications of product capability, suitability and performance, none of which shall form any part of any contract.