

LSDCM Low Speed Data Module

The LSDCM sub-rate data module supports all your synchronous and asynchronous low-speed data requirements (300 bps - 64 Kbps). Terminals, personal computers and other low-speed devices can be linked together over E1 and T1 networks using the Omniplexer multiplexer equipped with the LSDCM.

Operating as a sub-rate multiplexer, the LSDCM supports up to eight individual channels per time slot. Individual channels can be accessed at any site along the network. The entire time slot does not have to be dropped at a particular site. This capability provides flexibility in channel planning and economical use of network bandwidth.

The LSDCM conforms to relevant sections of CCITT X.30 and V.110 Recommendations for data communications and data circuit termination via ISDN data transmission.

ADVANTAGES

- Up to 8 synchronous and/or asynchronous data channels can be carried in a single time slot
- Synchronous and asynchronous channels can be mixed in same time slot
- Individual sub-rate channels can be accessed at any network site
- Microprocessor based design uses VT-100 terminal for set-up
- CCITT Standards based

APPLICATIONS

- Point-to-point data communications at speeds up to 64 Kbps
- Terminal to mainframe connectivity
- Personal computer communications

BENEFITS

- Economical; 4 channels per module minimizes costs
- Integrates with all other Omniplexer voice/data modules
- Supports all your low speed data applications

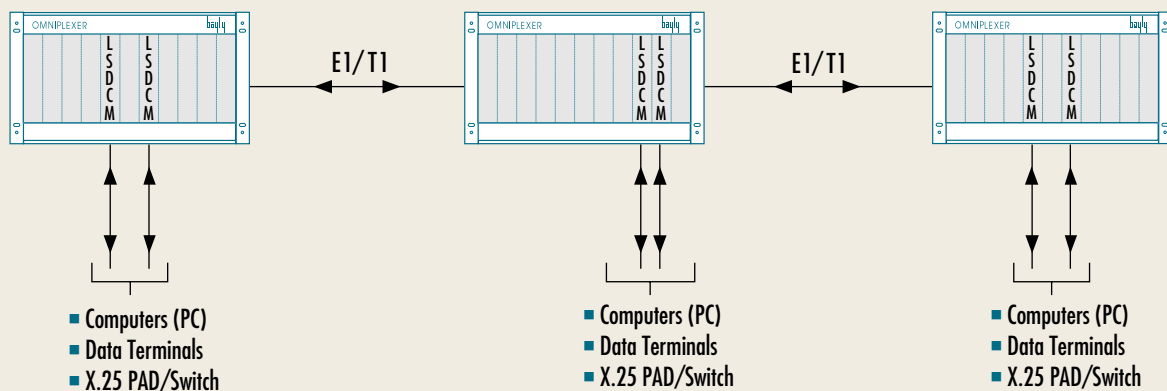
Synchronous and asynchronous interfaces



Up to 8 channels per time slot

Sub-rate channel drop/insert capability

LSDCM Data Interface Applications



LSDCM Specifications

Data Rates:	Asynchronous	Synchronous	Channels per Time Slot	Asynchronous Format:	1 or 2 stop bits Odd, even or no parity 5, 6, 7 or 8 bit characters
	300 bps	—	8		
	600	600 bps	8	Sub-Rate Format:	Bit rate adaption according to CCITT X.30 and CCITT V.110.
	1200	1200	8		
	2400	2400	8	Maintenance Features:	Local and remote loopbacks on a channel by channel basis.
	4800	4800	8		
	9600	9600	4	Compatibility:	The LSDCM conforms to relevant sections of CCITT X.30 and CCITT V.110 Recommendations.
	19200	19200	2		
		38.4/48/56/64K	1	Channel Configuration:	4 channels per module Module and individual channels configured by VT-100 terminal.
Data Interfaces:		V.24/RS232C X.21 and X.21 bis			
Data Format:		Asynchronous Synchronous:	Internal clocking External clocking		

Module Types and Ordering Information

LSDCM module for E1 Omniplex system:

- 4-channel LSDCM
Part number: 050 328

LSDCM module for T1 Omniplex system:

- 4-channel LSDCM
Part number: 050 439

4-Channel data interface cables for both E1 and T1 LSDCM modules

- V.24/RS232 with DB-25 connectors
Part number: 050 354

For complete specifications, please contact Bayly Communications

**NETWORK ACCESS
AND TRANSMISSION
PRODUCTS**

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