

Technical Notes

IOCRM1

2073 Pluggable Interface Modules

September 1, 2000

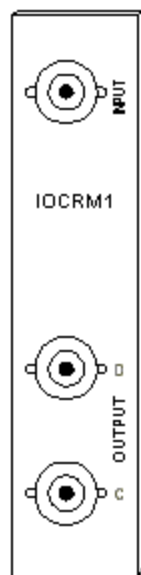
Clock Recovery Module

The IOCRM1 Clock Recovery Module reconstructs a clock from data-only signal lines. In addition, it provides code conversion both at the input and output interfaces. The IOCRM1 provides a tunable clock recovery circuit. The all-digital implementation allows multiple channels to be placed anywhere within the 13 available card slots of the unit. The IOCRM1 provides a single TTL in/TTL out interface. Other PIMS from the Model 2073 can then be added to the left and right of the IOCRM1 for interface conversion or to provide multiple copies of the output.

The IOC102 utilizes a single slot.

Programmable features of each installed channel are:

- Nominal Bit Rate
- Loop Bandwidth
- Input Code Select
- Output Code Select



Input:

- TTL Data in

Output:

- TTL Data out
- TTL Clock out

Chassis:

- Model 2073-011

Price Class:

- Class III

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