

# NOTICE

Your 6021C16 TDR Switching Card is supplied with seven 50-ohm male BNC terminations. The high frequency pin diode switching of your multiplexing system is divided into two eight-channel sections on each switchcard. Channels 1 through 8 are one section; and channels 9 through 16 are the other section.

For precise operation of your multiplexing system, a termination must be in place on each channel in a particular section to which a waveguide is **not** attached. If there are no waveguides connected to channels in a particular section, no terminations are required on that section.

## Examples

Example 1: You have waveguides attached to channels 1, 2, and 3 (numbered from the top of the switchcard down), there must be terminations on channels 4 through 8.

Example 2: You have waveguides attached to channels 1 through 9, you must have terminations attached to channels 10 through 16.

Example 3: You have three switchcards with waveguides attached to channels 1 through 19, you must have terminations attached to channels 20 through 24 and to Conn ports 3 through 8.

## Note

The maximum number of BNC terminations you will ever need to use on any one new switchcard is seven.

## Adding New Switching Cards to an Existing Multiplexing Setup

If you are adding one or more new switchcards to your existing multiplexing setup, place a new switchcard in the switchcard No. 1 position as described in the Multiple Switchcard Installation section of the assembly instructions. No BNC terminations are required on older switchcards.

