

## Connection scheme ALEX

### Laser green:

- \* Connect to AOTF Line 1 on the Box (100.319 MHz)
- \* Digital: 6612 Counter 4 Out
- \* Analog: 6713 AO.1

### Laser red:

- \* Connect to AOTF Line 2 on the Box (78.91 MHz)
- \* Digital: 6612 Counter 5 Out
- \* Analog: 6713 AO.0

### APD gate signals:

- \* 6612 Counters 6 and 7, Out
- \* Connect to Gate 1 and Gate 2 (exchangeable)
- \* Connect APD OUT 1 and 2 to the APDs (exchangeable, into GATE)

### APD sampling:

- \* BNC T pieces directly at the APD
- \* Green APD: 6612 Counters 0 and 1, Source
- \* Red APD: 6612 Counters 2 and 3, Source

