

UNILDD QUESTIONNAIRE FOR QUOTATION

Please give detailed answers to the following questions. These answers will provide technical information required to prepare an initial offering for the diode driver design. Feel free to skip inapplicable questions.

CW mode

Please note, current modulation in CW mode is possible only via analog interface.

1. Please underline all required control interfaces: analog, digital (CAN and/or RS232).
2. Max current of your laser diode?
3. Max diode compliance voltage?
4. What is the length and cross section area* of used wires in between the driver and laser diode?
5. Length of power cable between power supply and diode driver?

QCW (Pulse mode)

Please note, in QCW mode pulse can be triggered by external SYNC signal.

1. Please underline all required control interfaces: analog, digital (CAN and/or RS232).
2. Max current of your laser diode?
3. Max diode compliance voltage?
4. Please indicate your requirements for:
 - a. Pulse duration
 - b. Pulse repetition rate
 - c. Max duty cycle
 - d. Pulse rise time
5. Length and cross section area* of used wires in between the driver and laser diode?
6. Length of power cable between power supply and diode driver?
7. Length of control cable?

* We will keep your preference for cross section if it corresponds to output parameters otherwise will recommend to choose any different.

Specific requirements

1. Do you need TEC controller? If yes, how many?
2. Do you prefer conductive cooling or air-forced (internal fan) cooling?