



Taiko PDL M1

I.D.: 74175205

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| Data publicarii | 14.10.22 | Coduri CPV | 31712348-1 |
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Pretul estimativ: 43.450,00 RON - 43.450,00 RON

Descriere: Taiko PDL M1 High-End Picosecond Diode Laser Driver Internal Oscillator Type crystal locked Operation mode pulsed, burst or continuous wave (CW) Repetition frequency range 1 Hz to 1 MHz in steps of 1, 2 or 5 times various powers of ten 1 to 100 MHz in steps of 1 MHz Low jitter < 20 ps (FWHM), typ. 3-5 ps (FWHM) External Trigger Input Input voltage range -5 to +5 V (TTL compatible) Trigger level (adjustable) -1 to +1 V Required pulse width > 5 ns Delay trigger input to optical output: typ. 16 ns, jitter < 20 ps trigger input to sync output: typ. 6 ns Frequency range single shot to 90 MHz Input impedance 50 Ohms Connector BNC socket (female) Synchronization Output Amplitude < -800 mV into 50 Ohms (NIM) Pulse width 5 ns Delay sync output (falling edge) to laser output: typ. 10 ns, jitter < 20 ps Input impedance (destination) 50 Ohms Connector SMA socket (female) Gating Inputs Fast gate pulsed or burst mode: transition time typ. 10 ns CW mode: rise time typ. 5-10 μs (from 0% to 80-90% of max. CW emission power, wavelength dependent) user selectable input impedance: 10 kOhms with pull-up or 50 Ohms pull-down Connector type 1-pin LEMO socket - 00.250 series Example: FFA.00.250.NTA Slow gate transition time < 1 ms Connector type 1-pin LEMO socket - 00.304 series Example: FGG.00.304.CLA Remote Interlock Voltage < 16 VDC Loop resistance 10 Ohms maximum Remote interlock connectors Lemo 00.304 and banana socket Computer PC interface USB 2.0 Operating system Windows™ 8 / 8.1 / 10 Power
