

Features

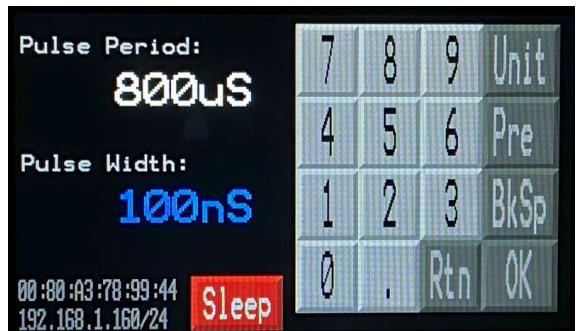
- Up to 8 Channels
- Combined Sources
- Dual Outputs
- 10dBm Per Channel
- Custom Wavelengths

- Programmable Pulse
- 20nS to 167mS
- 10nS Resolution

- Color Touch Screen
- USB-C Power / Control
- Optional Ethernet Control
- Compact Package

Overview

The Laser Pulse Generator is capable of producing precision pulse streams on up to eight wavelengths which can be individually enabled and disabled. The pulse width and period are controlled to a resolution of 10nS using the on screen controls, USB connection, or optional Ethernet. The combined optical signal is split internally and provided at two FC/UPC connectors. The unit is powered using a standard USB-C connection or USB-C power adapter.



Pulse Parameter Control

Ordering Information

Part Number	Description
100550A-001	6 channel laser pulse generator: 1311, 1411, 1491, 1551, 1591, 1625nm
100550A-002	6 channel laser pulse generator: 1311, 1411, 1511, 1551, 1591, 1625nm
100550A-003	8 channel laser pulse generator: 1311, 1411, 1451, 1491, 1511, 1551, 1591, 1625nm

Add "E" after dash for Ethernet option



Laser Control

Specifications

Parameter	Units	Typical Specifications
Number of Channels		1 to 8
CW Output Power per Channel	dBm	-10
Optical Extinction Ratio	dB	>50
Programmable Period		20nS to 167mS
Programmable Pulse Width		20nS to 167mS
Timing Resolution	nS	10
Fiber Interface		2x Single mode, FC/UPC
Power Input		5VDC, USB-C
Computer Interface		USB-C, and optional Ethernet
Max Operating Power (8 channels)	W	3.2
Standby Power	mW	50
Unit Dimensions		7" x 4.5" x 1.4" with rubber bumpers