



THE LAB EQUIPMENT

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**Product Name :**

Semiconductor Laser

**Product Code :**

SLE/PHY/291



## Description :

This laser emits an intense monochromatic red beam of wavelength 630 - 640nm at 0.9mW (Class II operation).

The laser beam can be modulated by applying an external digital or analogue waveform to the 3.5mm jack socket on the rear panel.

Typical beam divergence is approximately 1 millirad.

This allows speed of light experiments to be easily performed.

Alternatively the beam can be modulated by the internal generator which produces 0.1 $\mu$ s pulses at approximately 1MHz.

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