

SPECTROMETERS
(/SPECTROMETERS-0)

LIGHT SOURCES
(/LIGHT-SOURCES)

FIBER OPTICS
(/FIBER-OPTICS)

SAMPLING
(/SAMPLING)

PARTS-ACCESSORIES
(/PARTS-ACCESSORIES)

CUVETTES
(/PRODUCTS/CUVETTES)

STANDARDS
(/STANDARDS)

USED EQUIPMENT
(/USED-EQUIPMENT-2)

SEARCH

HELP & QUOTE (/contact?category=Help%and%Support) | 651-407-9582

Home (/) > Light Sources (/light-sources) > Light Sources & Lasers (/light-sources/light-sources-lasers) > Raman Lasers (/light-sources-light-sources-lasers/raman-lasers)

Raman 532 nm Spectrum Stabilized Single-Mode Laser, SMA connection



(I0532SL0050MS) 532 nm Spectrum Stabilized Single-Mode laser with SMA connection
Please Contact for Pricing (/contact)

DESCRIPTION

532 nm Spectrum Stabilized Single-Mode laser with > 50 mW of 105 Micron Core Multi-Mode fiber coupled output power, packaged in an L-Type module with integral drive electronics and SMA bulkhead.

Designed for use in the laboratory, the user friendly “L-Type” provides a turn-key solution with integral laser drive and TEC control electronics. Factory pre-set for optimal performance, the L-Type offers the user the ability to adjust the laser drive current from remotely. The module has an independent master power key switch and laser enable switch, a remote interlock, and an Emergency Power Off (EMO) pushbutton. The “L-Type” can be ordered with either an SMA905, FC/PC or FC/APC bulkhead for easy patch cord attachment. The unit comes complete with an integral AC/DC power supply. IPS L-Type modules can be ordered at any of IPS's over 40 standard wavelengths with either single mode (Polarization Maintaining) or multi-mode fiber coupled output.

Specifications

Wavelength	532 nm
Wavelength stability	+/- 0.1 nm (-20 to 55 °C) over temperature range & lifetime
Spectral linewidth	less than 0.05 nm, FWHM
Optical output power	> 50 mW
Power stability	Less than 1% Typical
Total power consumption	Less than 5.5 W (over operational temperature range -20 to +55 °C)



