

MilliPoint® Green MP75

Compact OEM Green Laser Module

MEYERS
OPTOELECTRONIC SYSTEMS

Model #520-COM-MP75

The MilliPoint® Green is a miniaturized laser module designed for incorporation into existing products or new systems under development. It provides a simple and cost-effective way to integrate an visible green laser pointer into an end-use product, enhancing the overall capabilities of the system.



Nominal Characteristics	
Model Number	520-COM-MP75
Output Power	75 mW \pm 15%*
Wavelength	Visible Green *
Beam Divergence	Point *
Control Interface	24-gauge wires, 12 in (4 each) [pwr, gnd, fire, temp]
Fire Command [CW]	Ground-specified wire
Fire Command [Pulse]	Modulate up to 60 Hz
Power Requirements	+4.0 to +5.5V dc at Typical 250 mA
Housing	6061-T6 aluminum, Alodine® coating [Class 1 chemical conversion coated]
Dimensions	< 3" *
Weight	< 50g
Export	Not USML Controlled

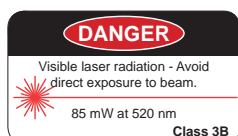
Data subject to change.

Alodine® is a registered trademark of Henkel AG & Co. KGaA.

*Output dependent on minimum velocity air flow and heat sink. Contact B.E. Meyers for details and thermal data sheet.

* Additional information available upon request.

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Applications

- Marking points of interest in the visible spectrum.
- Long-range pointing at night, shorter in day.
- Law Enforcement / Border Security / Defense / Industrial

Features

- Compact size, lightweight and low power consumption.
- Output power 75 mW in visible green. *
- Constant optical power; independent of ambient temperature or supply voltage variations.
- CW or pulsed (via modulation).
- Wide operating temperature range with heat sinking.*
- Designed and tested for high shock and vibration environments.
- Environmentally sealed housing IP67.

Benefits

- Enhances products with long-range pointing capabilities.
- Easily integrated into space-constrained designs.
- Increases effectiveness with rapid point of interest identification.
- Commercially available OEM laser module.