

LA-01MB

These bi-directional alignment lasers allow **Quick & Easy** adjustment of optical experiments and optical sets.

The beam of a very high quality diffraction limited diode laser is split into two beams of opposite direction on a common optical axis using patented laser-mirror arrangement.

A precision collimating procedure is used to adjust both beams exactly on the same axis, building up a bi-directional two beam alignment laser.

The small size of this alignment laser, even with integrated battery pack for more than 24 hours of cordless operation, ensures universal application.



LA-01-MB

The bi-directional alignment laser model LA-01MB -AK comes with an integrated rechargeable battery pack for cordless operation.

LA-01MB-AK	Specification
(635 ± 5) nm	Wave length
0.95 mW	Total output power
II	Laser class
approx. 1.4 mm	Beam diameter (at the front of the laser)
0.7 mrad	Beam divergence (typ.)
Circular, Gaussian Profile, optimized Beam Quality	Beam shape
CW	Operation mode
< 0.5 mrad	Alignment error between the two beams
Actively stabilized to ±4% of nominal	Beam power
MIL Spec. Std. 1686B, Class2, CE	ESD protection
-10 to +40 °C	Operation temperature
-40 to +50 °C	Storage temperature
Green LED	Visual emission indicator
0.7 Ah NiDc rechargeable battery, Battery recharger	Power supply
(42 x 45 x 75) mm (1,65 x 1,77 x 2,95) inch	Mechanical dimensions

Customization possible on request:
Please contact our sales department for your inquiries.