

SPECIFICATIONS FOR DIODE PUMP SOLID STATE YAG LASERS

Model	1064-M	1064-L	1064-0	1064-14-L	1064-10-O	532-M	532-L	532-O	532-6-O
Power (CW)	25 to 100	90	25	14	10	35 to 100	35 to 100	8 to 13	6
Pulse stability (%rms)	2 to 3	3	2	< 2 %	< 2 %	2 to 3	3 to 4	3	< 2 %
Pulse Width (ns)	160 to 220	160	140	< 40	< 40	100 to 120	120	100	< 40
Beam Pointing Stability (mrad)	20 to 30	20	15	30	30	30 to 40	20 to 40	15 to 30	30
Beam Diameter (mm)	3.0 to 3.5	2	0.55	1	0.7	2.0 to 4.0	1.5 to 2.2	0.8 to 0.9	0.8
Beam Divergence (mrad)	7 to 10	5.5	3	< 7.5	< 5.0	6.0 to 12	5.0 to 1	1 to 1.4	< 4.0
Beam Quality (M2)	12 to 25	8	1.2	< 3.0	< 1.2	16 to 45	8.0 to 12	1.2 to 1.3	< 1.2

All specifications are subject to change

IR wavelength is used to mark a variety of materials including metals, ceramics, composites, and some plastics.

Green wavelength is ideal for composites and some plastics.

Ultraviolet is used to mark glass and some plastics.

- Diode Pump Solid State YAG Lasers (<https://amtecinc.com/nd-yag-lasers/specifications-for-diode-pump-solid-state-yag-lasers>)
- Arc lamp Pumped Nd: YLF (<https://amtecinc.com/nd-yag-lasers/specifications-for-lamp-pump-nd-y lf-lasers>)
- Lamp Pumped Nd: YAG (<https://amtecinc.com/nd-yag-lasers/specifications-for-lamp-pump-nd-yag-lasers>)
- Diode Pumped ND:YVO4 Lasers (<https://amtecinc.com/nd-yag-lasers/specifications-for-diode-pump-ndyvo4-lasers>)
- Diode Pump ND:YLF laser (<https://amtecinc.com/nd-yag-lasers/specifications-for-diode-pump-ndylf-laser>)



(<https://amtecinc.com/>)



QAS INTERNATIONAL

ISO 9001:2015

REGISTERED COMPANY

Certificate No. US3430

https://amtecinc.com/assets/certificate_isi.pdf

Applied Manufacturing Technologies, Inc.

1464 N. Hundley Street, Anaheim, CA 92806



We are Open

Business hours:
8.00 AM-05.00 PM, Mon-Fri



Reach Us

Toll Free: (888) 634-1143
Phone: (714) 630-9530
Fax: (714) 630-9531
sales@amtecinc.com





Quick Links

Copyright (<https://amtecinc.com/copyright>)
Terms (<https://amtecinc.com/terms>)
Disclaimer (<https://amtecinc.com/disclaimer>)
Privacy (<https://amtecinc.com/privacy>)

© 2003 Amtecinc.com. All Rights Reserved.

(https://www.facebook.com/AmtecManufacturing/?__tn__=%2Cd%2CP-R&eid=ARA7yFfm91YvPvbR9ba8f0t2YR-y0QycZ)

 (<https://twitter.com/>)
 (<https://www.linkedin.com/>)

Designed by Viprabusiness
(<https://www.viprabusiness.com/website-development-services/>)