

## HNLT-B He-Ne Laser Tube



These helium-neon laser tubes have two Brewster windows with external cavity mirrors. This configuration is ideal for applications, such as particle counting, that require access to the high intra-cavity power. These lasers provide all the benefits of a high power laser without the high cost.

### Specifications

Model	HNLT-150	HNLT-250	HNLT-450	HNLT-550	HNLT-800	HNLT-1000
Wavelength (nm)	632.8	632.8	632.8	632.8	632.8	632.8
Output Power (mW)	≥8	≥	≥	≥	≥25	≥35
Beam Diameter, 1/e <sup>2</sup> (mm)				0.8	1.2	1.3
Beam Divergence, full angle (mrad)				≤1.3	≤1.2	≤1.2
Polarization	Random	Random	Random	Random	Random	Random
Mode	TEM00	TEM00	TEM00	TEM00	TEM00	TEM00
Long-term Drift	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%
Operating Current (mA)	3	4	8	12	20	20
Tube Length (mm)	150	250	450	550	800	1000

Lifetime: 20,000 hr, typical

Contact Idealphotonics for OEM power supplies