

View Online at <https://aerobasegroup.com/nsn/5860-00-144-1629>

General Description:

Output characteristics, power greater than 3.0 mw, wavelength 632.8 nm, traverse mode temoo, beam characteristics, dia at 1/e2 points 1.25mm, divergence full angle less than 0.75 mrad, static alignment to outer cylinder beam centering less than porm 0.010 in., beam parallelism less than 5 mrad, polarization linear to better than one part in 1000, angular drift from cold start at 25 degrees c is less than 0.2 mrad, after 15 min warm&up less than 0.03 mrad, resonator characteristics, configuration hemispherical for maximum stability, lg 29.7 cm, axial mode spacing 505 mhz, power output stability at ambient environmental conditions, long term drift less than porm 5 pct, mode sweeping contribution less than 0.1 mw, beam noise at 1 khz to 1.0 mhz is less than 1 pct rms, warm&up time at 3.0 mw is 5 min max, environmental capability, operating temp range 0 to 50 degrees c, altitude sealed to 10, 000 ft, humidi type 0 to 100 pct, non&operating temp range minus 65 to plus 80 degrees c, non&operating altitude is sea level to 70, 00

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A23900