

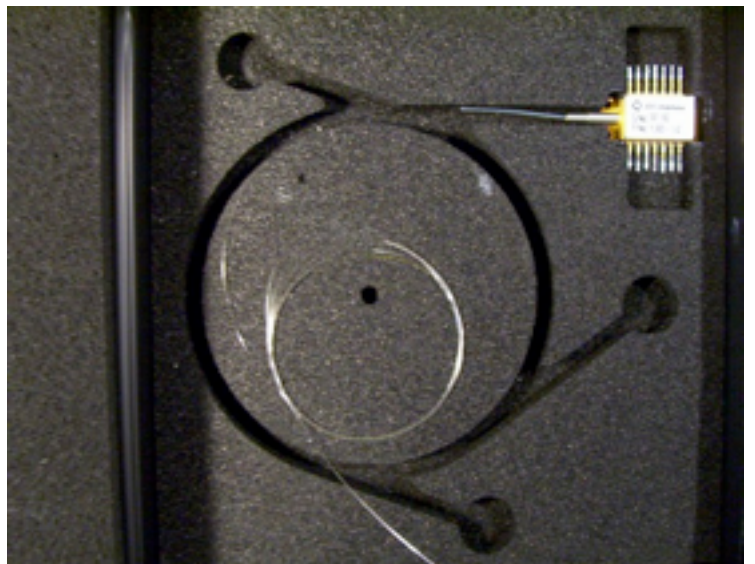
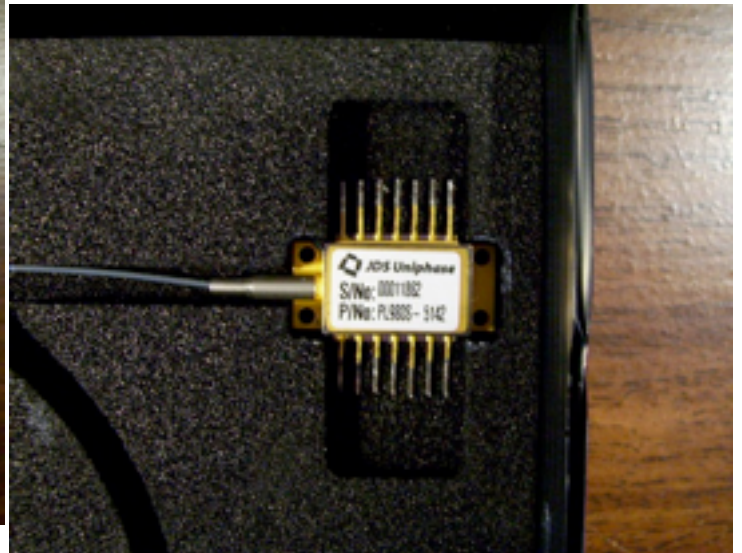
0.98um pump laser for research, JDS P/N: PL980S

在庫数 2 個

価格； 3 4 0 0 0 円

2 個の場合： 2 4 0 0 0 円/pcx2pcs=48000円

状態： desoldered in original product case. Without manufacture test sheet. Tested working at our lab, but requires high current, so it is not good for production. See our test report at last 2 photos



Laser Diode Module Verification Data

Type No: PL980S-5142 S/N: 00012592

P_f (mW)	144 Kink-free	Output power out of fiber (after two fiber fusion-splices), assuming wavelength is 980nm. (Only 96.5% of fiber power reaches detector. Besides, there may be some fiber bending loss.)
λ (nm)		Average wavelength at vacuum
I_f (mA)	300	Laser forward current
LDV (V)	1.8	Laser forward voltage

Note: These test results do not include following factors: only 96.5% of fiber power reaches detector, also less accuracy at high power of Agilent detector.

T_{LD} (°C)	25.0	Laser temperature
T_0 (°C)	about 19	Lab environment temperature

Wavelength is tested by HP 86120B multi-wavelength meter. Output power is tested by HP 81525A optical head with 8153A Lightwave Multimeter Mainframe. *Since there is no fiber connector on the laser, HP bare fiber adapter and HP AF spacer are used in the test.* Laser current & temperature is controlled by E-TEK MLDC1016 Laser Controller.

Comments on test accuracy

The HP 81525A optical head was just calibrated by Agilent on April 6, 2009, and also approximately verified OK by various methods. The HP 81525A optical head accuracy at high power is not as good as at low power level, laser warm-up time may be short, and there is fiber bending loss, so the test accuracy might not be perfect.

Tested on: May 26, 2009, by Lightwavestore.com

Laser Diode Module Verification Data

Type No: PL980S-5142 S/N: 00011862

P_f (mW)	164 Kink-free	Output power out of fiber (after two fiber fusion-splices), assuming wavelength is 980nm. (Only 96.5% of fiber power reaches detector. Besides, there may be some fiber bending loss.)
λ (nm)		Average wavelength at vacuum
I_f (mA)	333	Laser forward current
LDV (V)	1.9	Laser forward voltage

Note: These test results do not include following factors: only 96.5% of fiber power reaches detector, also less accuracy at high power of Agilent detector.

T_{LD} (°C)	25.0	Laser temperature
T_0 (°C)	about 19	Lab environment temperature

Wavelength is tested by HP 86120B multi-wavelength meter. Output power is tested by HP 81525A optical head with 8153A Lightwave Multimeter Mainframe. *Since there is no fiber connector on the laser, HP bare fiber adapter and HP AF spacer are used in the test.* Laser current & temperature is controlled by E-TEK MLDC1016 Laser Controller.

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