

BUY NOW 

Single-mode Fiber Coupled Laser Source

Product Description

Features

- Compact
- Ultra-Stable
- Low Cost
- High Reliability
- High Efficiency

Agiltron Fiber Pigtailed Laser Diode Modules feature low noise, high coupling efficiency and high reliability. They cover wide range of wavelength from VIS to IR with output power between a few mW to several ten mW. They provide the choice of single mode, multimode and polarization maintaining fibers.

Agiltron also provide customers design fiber pigtailed laser diode, including VCSEL and TO-CAN laser diode.



Optical Specifications

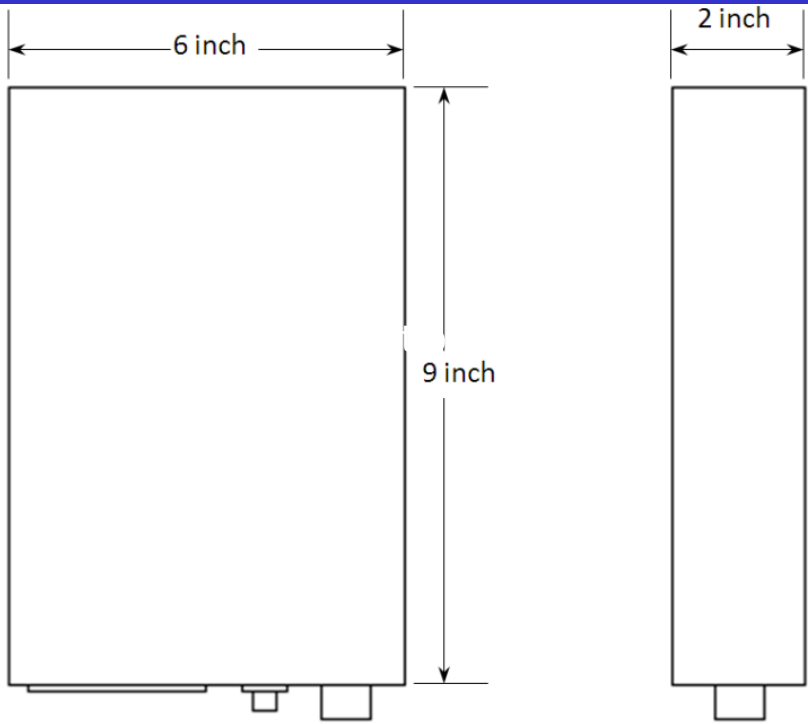
| Wavelength (nm) | | | Typical Power (mW) | Spectral Width (nm) | Laser Type |
|-----------------|---------|---------|--------------------|---------------------|------------|
| Minimum | Typical | Maximum | | | |
| 395 | 405 | 415 | 20 | 1 | FP |
| 440 | 445 | 450 | 10 | 1 | FP |
| 630 | 633 | 635 | 10 | 1 | FP |
| 632 | 635 | 638 | 1 | 0.5 | FP |
| 650 | 660 | 670 | 10 | 1 | FP |
| 750 | 760 | 770 | 3 | 0.5 | FP |
| 770 | 775 | 780 | 10 | 1 | FP |
| 770 | 780 | 785 | 10 | 1 | FP |
| 800 | 810 | 820 | 10 | 2.5 | FP |
| 810 | 820 | 830 | 10 | 2.5 | FP |
| 840 | 850 | 860 | 20 | 2 | FP |
| 895 | 905 | 915 | 10 | 3 | FP |
| 945 | 950 | 965 | 3 | 3 | FP |
| 965 | 980 | 985 | 5 | 500kHz | FBG |
| 1020 | 1030 | 1040 | 30 | 2.5 | FP |
| 1020 | 1030 | 1040 | 5 | 500kHz | FBG |
| 1050 | 1060 | 1080 | 20 | 2.5 | FP |
| 1055 | 1060 | 1075 | 10 | 500kHz | FBG |
| 1075 | 1080 | 1090 | 30 | 3 | FP |
| 1250 | 1255 | 1260 | 3 | 3 | FP |
| 1255 | 1270 | 1290 | 3 | 3 | FP |
| 1290 | 1300 | 1330 | 10 | 3 | FP |
| 1300 | 1300 | 1320 | 10 | 0.02 | DFB |
| 1385 | 1390 | 1395 | 10 | 10MHz | DFB |
| 1480 | 1490 | 1500 | 3 | 1 | FP |
| 1530 | 1550 | 1560 | 5 | 2MHz | DFB |
| 1530 | 1550 | 1570 | 10 | 4 | FP |
| 1560 | 1570 | 1585 | 10 | 7 | FP |
| 1590 | 1600 | 1620 | 20 | 10MHz | DFB |
| 1615 | 1620 | 1635 | 4 | 7 | FP |

Applications

- R&D Applications
- Instrumentations
- Sensors



Mechanical Dimensions



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

| PLSM- | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | 9 | <input type="checkbox"/> | <input type="checkbox"/> |
|-------|-----------------------------|---|------------------------------|------------|---|---|
| | Package | Wavelength | Laser Type | Fiber Type | Optical Power | Connector |
| | Standard = 1 Special = 0 | 405 nm = 0405 445 nm = 0445 633 nm = 0633 635 nm = 0635 660 nm = 0660 775 nm = 0775 780 nm = 0780 810 nm = 0810 820 nm = 0820 850 nm = 0850 905 nm = 0905 950 nm = 0950 980 nm = 0980 1030 nm = 1030 1060 nm = 1060 1080 nm = 1080 1255 nm = 1255 1270 nm = 1270 1300 nm = 1300 1390 nm = 1390 1490 nm = 1490 1550 nm = 1550 1570 nm = 1570 1600 nm = 1600 1620 nm = 1620 | FP = 1 DFB = 2 FBG = 3 | | < 5mW = 1 <10mW = 2 <20mW = 3 <30mW = 4 Special = 0 | FC/PC = 1 FC/APC = 2 LC = 3 ST = 4 SC = 5 SMA = 6 Special = 0 |