

# Fabry-Perot Laser Diodes

updated weekly  
inventory subject to prior sales



The wavelength is measured under standard working conditions (25°C, maximum power). It can shift to a shorter wavelength at lower temperature and less current. The wavelength of diodes marked "not selected" is specified to the precision of the manufacturing process (typically +-5nm) and is not measured for the individual diode. For some diodes, higher power is available from DL pro HP. This higher power is listed in the Remarks. In DL pro HP the tuning and linewidth might be different, please inquire.

Diodes with a checkmark in the "4-laser check" column may have power restriction when used with the 4-laser upgrade. Please inquire.

The linewidth value refers either to the typical instantaneous linewidth of the DL pro or typical short term linewidth if followed by [5μs] (\*); if no value is specified, please contact TOPTICA sales for an estimation. Please inquire for more technical data on the frequency noise (e.g. frequency noise density).

All diodes operate in single transverse mode. They are shipped in industrial standard packages (5.6 mm or 9 mm can) unless mentioned otherwise.

(\*) Link to paper: "Linewidth-measurement"

|                     |   |                      |   |
|---------------------|---|----------------------|---|
| <b>WL</b>           | wavelength of free running diode                | <b>Pd</b>            | output power ex resonator with DLC DL pro or similar                        |
| <b>WLmin, WLmax</b> | shortest and longest wavelength                 | <b>4-laser-check</b> | possible restriction on power when used with the 4-laser upgrade of DLC pro |
| <b>P</b>            | output power of free running diode              | <b>MHFTR</b>         | mode-hop free tuning range in DL pro  |
| <b>Linewidth Δv</b> | typical linewidth (instantaneous or short term) |                      |   |

| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>Δv in kHz | 4-Laser Check | Article Number  | Stock | Remark                                      |
|----------|---------|-------------|-------------|--------------|----------|------------------------|---------------|-----------------|-------|---|
| 370.0    | 20      | 368.5       | 370.8       | 10           | 16       | 850                    |               | #LD-0375-0020-2 | > 3   | only available in DL pro HP                 |
| 371.0    | 20      | 369.5       | 371.8       | 10           | 16       | 850                    |               | #LD-0375-0020-2 | > 3   | only available in DL pro HP                 |
| 373.0    | 70      | 372.2       | 373.2       | 10           | 13       | 330                    |               | #LD-0375-0070-1 | 1     | up to 35mW available after iso in DL pro HP |
| 374.0    | 70      | 373.2       | 374.2       | 10           | 13       | 330                    |               | #LD-0375-0070-1 | 1     | up to 35mW available after iso in DL pro HP |
| 375.0    | 70      | 374.2       | 375.2       | 10           | 13       | 330                    |               | #LD-0375-0070-1 | u.r.  | up to 35mW available after iso in DL pro HP |
| 376.0    | 70      | 375.2       | 376.2       | 10           | 13       | 330                    |               | #LD-0375-0070-1 | 1     | up to 35mW available after iso in DL pro HP |
| 377.0    | 70      | 376.2       | 377.2       | 10           | 13       | 330                    |               | #LD-0375-0070-1 | u.r.  | up to 35mW available after iso in DL pro HP |
| 391.0    | 120     | 389         | 391.5       | 20           | 13       | 340                    |               | #LD-0395-0120-2 | u.r.  | up to 65mW available after iso in DL pro HP |
| 394.0    | 120     | 392         | 394.5       | 20           | 13       | 340                    |               | #LD-0395-0120-2 | 1     | up to 65mW available after iso in DL pro HP |
| 395.0    | 120     | 393         | 395.5       | 20           | 13       | 340                    |               | #LD-0395-0120-2 | 2     | up to 65mW available after iso in DL pro HP |
| 396.0    | 120     | 394         | 396.5       | 20           | 13       | 340                    |               | #LD-0395-0120-2 | > 3   | up to 65mW available after iso in DL pro HP |
| 397.0    | 120     | 395         | 397.5       | 20           | 13       | 340                    |               | #LD-0395-0120-2 | 1     | up to 65mW available after iso in DL pro HP |

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| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                       |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 398.0    | 120     | 396         | 398.5       | 20           | 13       | 340                             |               | #LD-0395-0120-2 | u.r.  | up to 65mW available after iso in DL pro HP  |
| 399.0    | 120     | 397         | 399.5       | 20           | 13       | 340                             |               | #LD-0395-0120-2 | 2     | up to 65mW available after iso in DL pro HP  |
| 400.0    | 120     | 398         | 400.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 400.0    | 300     | 397         | 399         | 20           | 13       |                                 |               | #LD-0405-0250-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 401.0    | 120     | 399         | 401.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | > 3   | up to 50mW available after iso in DL pro HP  |
| 401.0    | 300     | 398         | 400         | 20           | 13       | 250                             |               | #LD-0399-0300-1 | > 3   | up to 110mW available after iso in DL pro HP |
| 402.0    | 120     | 400         | 402.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 402.0    | 300     | 399         | 401         | 20           | 13       | 250                             |               | #LD-0399-0300-1 | 2     | up to 110mW available after iso in DL pro HP |
| 402.0    | 300     | 399         | 401         | 20           | 13       |                                 |               | #LD-0405-0250-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 403.0    | 120     | 401         | 403.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | > 3   | up to 50mW available after iso in DL pro HP  |
| 403.0    | 300     | 400         | 402         | 20           | 13       |                                 |               | #LD-0405-0250-1 | 2     | up to 110mW available after iso in DL pro HP |
| 404.0    | 120     | 402         | 404.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | > 3   | up to 50mW available after iso in DL pro HP  |
| 404.0    | 300     | 401         | 403         | 20           | 13       |                                 |               | #LD-0405-0250-1 | 3     | up to 110mW available after iso in DL pro HP |
| 405.0    | 120     | 403         | 405.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | 2     | up to 50mW available after iso in DL pro HP  |
| 405.0    | 300     | 402         | 404         | 20           | 13       |                                 |               | #LD-0405-0250-1 | 1     | up to 110mW available after iso in DL pro HP |
| 406.0    | 120     | 404         | 406.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 406.0    | 300     | 403         | 405         | 20           | 13       |                                 |               | #LD-0405-0250-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 407.0    | 120     | 405         | 407.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | 2     | up to 50mW available after iso in DL pro HP  |
| 407.0    | 300     | 404         | 406         | 20           | 13       |                                 |               | #LD-0405-0250-1 | 3     | up to 110mW available after iso in DL pro HP |
| 408.0    | 120     | 406         | 408.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 408.0    | 300     | 405         | 407         | 20           | 13       |                                 |               | #LD-0405-0250-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 409.0    | 120     | 407         | 409.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 410.0    | 120     | 408         | 410.5       | 20           | 13       |                                 |               | #LD-0405-0120-6 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 414.0    | 120     | 412         | 414.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | 1     | up to 60mW available after iso in DL pro HP  |

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| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                       |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 415.0    | 120     | 413         | 415.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | u.r.  | up to 60mW available after iso in DL pro HP  |
| 416.0    | 120     | 414         | 416.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | u.r.  | up to 60mW available after iso in DL pro HP  |
| 417.0    | 120     | 415         | 417.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | u.r.  | up to 60mW available after iso in DL pro HP  |
| 418.0    | 120     | 416         | 418.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | u.r.  | up to 60mW available after iso in DL pro HP  |
| 419.0    | 120     | 417         | 419.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | 3     | up to 60mW available after iso in DL pro HP  |
| 420.0    | 120     | 418         | 420.5       | 20           | 13       |                                 |               | #LD-0415-0120-2 | u.r.  | up to 60mW available after iso in DL pro HP  |
| 420.0    | 120     | 417.5       | 420.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | u.r.  | up to 70mW available after iso in DL pro HP  |
| 421.0    | 120     | 418.5       | 421.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | u.r.  | up to 70mW available after iso in DL pro HP  |
| 422.0    | 120     | 419.5       | 422.5       | 20           | 13       |                                 |               | #LD-0422-0120-1 | u.r.  | up to 70mW available after iso in DL pro HP  |
| 422.0    | 120     | 419.5       | 422.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | > 3   | up to 70mW available after iso in DL pro HP  |
| 423.0    | 120     | 420.5       | 423.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | > 3   | up to 70mW available after iso in DL pro HP  |
| 424.0    | 120     | 421.5       | 424.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | > 3   | up to 70mW available after iso in DL pro HP  |
| 425.0    | 120     | 422.5       | 425.5       | 20           | 13       |                                 |               | #LD-0425-0120-2 | > 3   | up to 70mW available after iso in DL pro HP  |
| 435.0    | 500     | 433         | 436         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | 1     | up to 280mW available after iso in DL pro HP |
| 436.0    | 500     | 434         | 437         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | 1     | up to 280mW available after iso in DL pro HP |
| 437.0    | 500     | 435         | 438         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 438.0    | 500     | 436         | 439         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 439.0    | 500     | 437         | 440         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | 2     | up to 280mW available after iso in DL pro HP |
| 440.0    | 500     | 438         | 441         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 441.0    | 100     | 438.5       | 441.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | 1     | up to 50mW available after iso in DL pro HP  |
| 441.0    | 500     | 439         | 442         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 442.0    | 100     | 439.5       | 442.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 442.0    | 500     | 440         | 443         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 443.0    | 100     | 440.5       | 443.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | 2     | up to 50mW available after iso in DL pro HP  |

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| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                       |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 443.0    | 500     | 441         | 444         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 444.0    | 100     | 441.5       | 444.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 444.0    | 500     | 442         | 445         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | 2     | up to 280mW available after iso in DL pro HP |
| 445.0    | 100     | 442.5       | 445.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 445.0    | 500     | 443         | 446         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | > 3   | up to 280mW available after iso in DL pro HP |
| 446.0    | 100     | 443.5       | 446.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | > 3   | up to 50mW available after iso in DL pro HP  |
| 446.0    | 500     | 444         | 447         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 447.0    | 100     | 444.5       | 447.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | 3     | up to 50mW available after iso in DL pro HP  |
| 447.0    | 500     | 445         | 448         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 448.0    | 100     | 445.5       | 448.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 448.0    | 500     | 446         | 449         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 449.0    | 500     | 447         | 450         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 450.0    | 100     | 447.5       | 450.5       | 15           | 15       |                                 |               | #LD-0445-0100-2 | u.r.  | up to 50mW available after iso in DL pro HP  |
| 450.0    | 500     | 448         | 451         | 15           | 35       | 30                              |               | #LD-0445-0500-1 | u.r.  | up to 280mW available after iso in DL pro HP |
| 450.0    | 500     | 446.5       | 450.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 451.0    | 500     | 447.5       | 451.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 452.0    | 500     | 448.5       | 452.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 453.0    | 500     | 449.5       | 453.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 454.0    | 500     | 450.5       | 454.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 455.0    | 500     | 451.5       | 455.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 456.0    | 500     | 452.5       | 456.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 457.0    | 500     | 453.5       | 457.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 458.0    | 500     | 454.5       | 458.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | > 3   | up to 400mW available after iso in DL pro HP |
| 459.0    | 500     | 455.5       | 459.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |

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|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 460.0    | 500     | 456.5       | 460.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | 2     | up to 400mW available after iso in DL pro HP |
| 460.0    | 500     | 456.5       | 460.5       | 12           | 75       | 40                              |               | #LD-0461-0500-1 | > 3   | up to 400mW available after iso in DL pro HP |
| 461.0    | 500     | 457.5       | 461.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | 1     | up to 400mW available after iso in DL pro HP |
| 461.0    | 500     | 457.5       | 461.5       | 12           | 75       | 40                              |               | #LD-0461-0500-1 | 1     | up to 400mW available after iso in DL pro HP |
| 462.0    | 500     | 458.5       | 462.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 463.0    | 500     | 459.5       | 463.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | u.r.  | up to 400mW available after iso in DL pro HP |
| 464.0    | 500     | 460.5       | 464.5       | 12           | 75       | 40                              |               | #LD-0460-0500-1 | 2     | up to 400mW available after iso in DL pro HP |
| 465.0    | 300     | 462         | 465.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | 1     | up to 185mW available after iso in DL pro HP |
| 469.0    | 100     | 467         | 470         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 470.0    | 300     | 467         | 470.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | u.r.  | up to 185mW available after iso in DL pro HP |
| 471.0    | 100     | 469         | 472         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 471.0    | 300     | 468         | 471.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | 1     | up to 185mW available after iso in DL pro HP |
| 472.0    | 100     | 470         | 473         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 473.0    | 100     | 471         | 474         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 473.0    | 300     | 470         | 473.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | u.r.  | up to 185mW available after iso in DL pro HP |
| 474.0    | 100     | 472         | 475         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 474.0    | 300     | 471         | 474.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | 2     | up to 185mW available after iso in DL pro HP |
| 475.0    | 100     | 473         | 476         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 476.0    | 100     | 474         | 477         | 15           | 15       |                                 |               | #LD-0473-0080-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 478.0    | 300     | 475         | 478.5       | 20           | 50       | 10                              |               | #LD-0473-0300-1 | 1     | up to 185mW available after iso in DL pro HP |
| 483.0    | 300     | 479         | 483.5       | 40           | 100      | 10                              |               | #LD-0488-0300-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 484.0    | 60      | 480         | 486         | 20           | 30       |                                 |               | #LD-0488-0060-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 485.0    | 60      | 481         | 487         | 20           | 30       |                                 |               | #LD-0488-0060-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 485.0    | 200     | 480.5       | 486.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | 2     | up to 70mW available after iso in DL pro HP  |

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| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                       |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 486.0    | 60      | 482         | 488         | 20           | 30       |                                 |               | #LD-0488-0060-2 | > 3   | up to 40mW available after iso in DL pro HP  |
| 486.0    | 200     | 481.5       | 487.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | > 3   | up to 70mW available after iso in DL pro HP  |
| 487.0    | 60      | 483         | 489         | 20           | 30       |                                 |               | #LD-0488-0060-2 | > 3   | up to 40mW available after iso in DL pro HP  |
| 487.0    | 200     | 482.5       | 488.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | > 3   | up to 70mW available after iso in DL pro HP  |
| 488.0    | 60      | 484         | 490         | 20           | 30       |                                 |               | #LD-0488-0060-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 488.0    | 200     | 483.5       | 489.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | 2     | up to 70mW available after iso in DL pro HP  |
| 488.0    | 300     | 484         | 488.5       | 40           | 100      | 10                              |               | #LD-0488-0300-1 | u.r.  | up to 110mW available after iso in DL pro HP |
| 489.0    | 60      | 485         | 491         | 20           | 30       |                                 |               | #LD-0488-0060-2 | > 3   | up to 40mW available after iso in DL pro HP  |
| 489.0    | 200     | 484.5       | 490.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | > 3   | up to 70mW available after iso in DL pro HP  |
| 490.0    | 60      | 486         | 492         | 20           | 30       |                                 |               | #LD-0488-0060-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 490.0    | 200     | 485.5       | 491.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | > 3   | up to 70mW available after iso in DL pro HP  |
| 491.0    | 60      | 487         | 493         | 20           | 30       |                                 |               | #LD-0488-0060-2 | > 3   | up to 40mW available after iso in DL pro HP  |
| 491.0    | 200     | 486.5       | 492.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | u.r.  | up to 70mW available after iso in DL pro HP  |
| 491.0    | 300     | 487         | 491.5       | 40           | 100      | 10                              |               | #LD-0488-0300-1 | > 3   | up to 110mW available after iso in DL pro HP |
| 492.0    | 60      | 488         | 494         | 20           | 30       |                                 |               | #LD-0488-0060-2 | u.r.  | up to 40mW available after iso in DL pro HP  |
| 492.0    | 200     | 487.5       | 493.5       | 20           | 40       |                                 |               | #LD-0488-0150-1 | 2     | up to 70mW available after iso in DL pro HP  |
| 492.0    | 300     | 488         | 492.5       | 40           | 100      | 10                              |               | #LD-0488-0300-1 | 1     | up to 110mW available after iso in DL pro HP |
| 493.0    | 80      | 492         | 495         | 15           | 35       | 100                             |               | #LD-0495-0080-1 | > 3   | 5GHz MHFTR outside 492.5-494.5nm             |
| 493.0    | 300     | 489         | 493.5       | 40           | 100      | 10                              |               | #LD-0488-0300-1 | > 3   | up to 110mW available after iso in DL pro HP |
| 504.0    | 80      | 502         | 505         | 15           | 10       |                                 |               | #LD-0505-0080-1 | u.r.  | up to 45mW available after iso in DL pro HP  |
| 505.0    | 80      | 503         | 506         | 15           | 10       |                                 |               | #LD-0505-0080-1 | u.r.  | up to 45mW available after iso in DL pro HP  |
| 506.0    | 80      | 504         | 507         | 15           | 10       |                                 |               | #LD-0505-0080-1 | u.r.  | up to 45mW available after iso in DL pro HP  |
| 507.0    | 80      | 505         | 508         | 15           | 10       |                                 |               | #LD-0505-0080-1 | u.r.  | up to 45mW available after iso in DL pro HP  |
| 514.0    | 150     | 507         | 515         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | u.r.  | only available in DL pro HP; system only     |

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u.r. : upon request

## Fabry-Perot Laser Diodes

updated weekly  
inventory subject to prior sales



| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                      |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|---|
| 515.0    | 80      | 510.5       | 515.5       | 15           | 10       |                                 |               | #LD-0515-0080-2 | 1     | up to 40mW available after iso in DL pro HP |
| 515.0    | 150     | 508         | 516         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | 2     | only available in DL pro HP; system only    |
| 516.0    | 150     | 509         | 517         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | 1     | only available in DL pro HP; system only    |
| 517.0    | 150     | 510         | 518         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | 1     | only available in DL pro HP; system only    |
| 518.0    | 150     | 511         | 519         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | u.r.  | only available in DL pro HP; system only    |
| 519.0    | 150     | 512         | 520         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | u.r.  | only available in DL pro HP; system only    |
| 520.0    | 150     | 513         | 521         | 35           | 60       | 10                              |               | #LD-0515-0150-3 | u.r.  | only available in DL pro HP; system only    |
| 631.0    | 100     | 628         | 634         | 15           | 50       | 200 [5 $\mu$ s]                 |               | #LD-0633-0100-1 | u.r.  | up to 55mW available after iso in DL pro HP |
| 632.0    | 100     | 629         | 635         | 15           | 50       | 200 [5 $\mu$ s]                 |               | #LD-0633-0100-1 | 1     | up to 55mW available after iso in DL pro HP |
| 633.0    | 100     | 630         | 636         | 15           | 50       | 200 [5 $\mu$ s]                 |               | #LD-0633-0100-1 | > 3   | up to 55mW available after iso in DL pro HP |
| 634.0    | 100     | 631         | 637         | 15           | 50       | 200 [5 $\mu$ s]                 |               | #LD-0633-0100-1 | > 3   | up to 55mW available after iso in DL pro HP |
| 635.0    | 100     | 632         | 638         | 15           | 50       | 200 [5 $\mu$ s]                 |               | #LD-0633-0100-1 | u.r.  | up to 55mW available after iso in DL pro HP |
| 635.0    | 150     | 631         | 636         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | u.r.  | up to 45mW available after iso in DL pro HP |
| 636.0    | 150     | 632         | 637         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | > 3   | up to 45mW available after iso in DL pro HP |
| 637.0    | 150     | 633         | 638         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | > 3   | up to 45mW available after iso in DL pro HP |
| 638.0    | 150     | 634         | 639         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | u.r.  | up to 45mW available after iso in DL pro HP |
| 639.0    | 150     | 635         | 640         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | u.r.  | up to 45mW available after iso in DL pro HP |
| 640.0    | 150     | 636         | 641         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | u.r.  | up to 45mW available after iso in DL pro HP |
| 641.0    | 150     | 637         | 642         | 20           | 25       | 600 [5 $\mu$ s]                 |               | #LD-0640-0170-1 | u.r.  | up to 45mW available after iso in DL pro HP |
| 647.0    | 150     | 643         | 648         | 15           | 80       | 100 [5 $\mu$ s]                 |               | #LD-0650-0080-1 | > 3   | > 70mW below 646nm                          |
| 648.0    | 150     | 644         | 649         | 15           | 80       | 100 [5 $\mu$ s]                 |               | #LD-0650-0080-1 | > 3   | > 70mW below 646nm                          |
| 650.0    | 200     | 647         | 652         | 20           | 90       | 3                               |               | #LD-0650-0200-1 | u.r.  |   |
| 651.0    | 200     | 648         | 653         | 20           | 90       | 3                               |               | #LD-0650-0200-1 | > 3   |   |
| 652.0    | 200     | 649         | 654         | 20           | 90       | 3                               |               | #LD-0650-0200-1 | u.r.  |   |

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u.r. : upon request

## Fabry-Perot Laser Diodes

updated weekly  
inventory subject to prior sales



| WL<br>nm | P<br>mW | WLmin<br>nm | WLmax<br>nm | MHFTR<br>GHz | Pd<br>mW | Linewidth<br>$\Delta\nu$ in kHz | 4-Laser Check | Article Number  | Stock | Remark                                   |
|----------|---------|-------------|-------------|--------------|----------|---------------------------------|---------------|-----------------|-------|--|
| 690.0    | 200     |             |             | 20           | 70       | 20                              |               | #LD-0690-0200-1 | > 3   | only available in DL pro HP not selected |
| 691.0    | 200     | 688         | 695         | 20           | 70       | 20                              |               | #LD-0690-0200-1 | u.r.  | only available in DL pro HP              |
| 692.0    | 200     | 689         | 696         | 20           | 70       | 20                              |               | #LD-0690-0200-1 | 1     | only available in DL pro HP              |
| 693.0    | 200     | 690         | 697         | 20           | 70       | 20                              |               | #LD-0690-0200-1 | u.r.  | only available in DL pro HP              |
| 785.0    | 120     | 781         | 789         | 20           | 120      |                                 |               | #LD-0780-0200-1 | > 3   |  |
| 786.0    | 120     | 782         | 790         | 20           | 120      |                                 |               | #LD-0780-0200-1 | > 3   |  |
| 787.0    | 120     | 783         | 791         | 20           | 120      |                                 |               | #LD-0780-0200-1 | 3     |  |
| 849.0    | 200     | 834         | 850         | 10           | 120      | 1                               |               | #LD-0850-0200-2 | 1     |  |
| 850.0    | 200     | 835         | 851         | 10           | 120      | 1                               |               | #LD-0850-0200-2 | 1     |  |