



Laser Diode Selection Guide

- ▶ Output Wavelengths from 375 nm to 11.00 μm
- ▶ Fabry-Perot, Distributed Bragg Reflector (DBR), Distributed Feedback (DFB), External Cavity (ECL), and Volume Holographic Grating (VHG) Lasers
- ▶ TO-Can, Pigtail, Butterfly, Submount, and C-Mount Package Styles



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The table below lists all laser diodes available from stock, sorted by wavelength and then output power. Key specifications are provided; clicking on the Item # opens a popup that allows you to the item to your cart or visit the main product presentation.

The rows shaded green below denote single-frequency lasers.

Item #	Wavelength	Output Power	Operating Current	Operating Voltage	Beam Divergence		Spatial Mode	Package
					Parallel	Perpendicular		
L375P70MLD	375 nm	70 mW	110 mA	5.4 V	9°	22.5°	Single Mode	Ø5.6 mm
L404P400M	404 nm	400 mW	370 mA	4.9 V	13° (1/e ²)	42° (1/e ²)	Multimode	Ø5.6 mm
LP405-SF10	405 nm	10 mW	50 mA	5.0 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L405P20	405 nm	20 mW	38 mA	4.8 V	8.5°	19°	Single Mode	Ø5.6 mm
L405G2	405 nm	35 mW	50 mA	4.9 V	10°	21°	Single Mode	Ø3.8 mm
DL5146-101S	405 nm	40 mW	70 mA	5.2 V	8°	19°	Single Mode	Ø5.6 mm
L405P150	405 nm	150 mW	138 mA	4.9 V	6°	6°	Single Mode	Ø3.8 mm
LP405-MF300	405 nm	300 mW	350 mA	4.5 V	-	-	Multimode	Ø5.6 mm, MM Pigtail
L405G1	405 nm	1000 mW	900 mA	5.0 V	13°	45°	Multimode	Ø9 mm
L450G1	447 nm	3000 mW	2000 mA	5.2 V	6°	30°	Multimode	Ø9 mm
LP450-SF15	450 nm	15 mW	85 mA	5.5 V	-	-	Single Mode	Ø9 mm, SM Pigtail
PL450B	450 nm	80 mW	100 mA	5.8 V	4 - 11°	18 - 25°	Single Mode	Ø3.8 mm
L450P1600MM	450 nm	1600 mW	1200 mA	4.8 V	7°	19 - 27°	Multimode	Ø5.6 mm
L473P100	473 nm	100 mW	120 mA	5.7 V	10	24	Single Mode	Ø5.6 mm
LP488-SF20	488 nm	20 mW	70 mA	6.0 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L488P60	488 nm	60 mW	75 mA	6.8 V	7°	23°	Single Mode	Ø5.6 mm
L515A1	515 nm	10 mW	50 mA	5.4 V	6.5°	21°	Single Mode	Ø5.6 mm
LP520-SF15	520 nm	15 mW	140 mA	6.5 V	-	-	Single Mode	Ø9 mm, SM Pigtail
L520P60	520 nm	45 mW	150 mA	7.0 V	7°	22°	Single Mode	Ø5.6 mm
PL520	520 nm	50 mW	150 mA	7.0 V	7°	22°	Single Mode	Ø3.8 mm
DJ532-10	532 nm	10 mW	220 mA	1.9 V	0.69°	0.69°	Single Mode	Ø9.5 mm (non-standard)
DJ532-40	532 nm	40 mW	330 mA	1.9 V	0.69°	0.69°	Single Mode	Ø9.5 mm (non-standard)
LP633-SF50	633 nm	50 mW	170 mA	2.6 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL63163DG	633 nm	100 mW	170 mA	2.6 V	8.5°	18°	Single Mode	Ø5.6 mm
LPS-635-FC	635 nm	2.5 mW	70 mA	2.2 V	-	-	Single Mode	Ø9.5 mm, SM Pigtail
LPS-PM635-FC	635 nm	2.5 mW	70 mA	2.2 V	-	-	Single Mode	Ø9.5 mm, PM Pigtail
L635P5	635 nm	5 mW	30 mA	<2.7 V	8°	32°	Single Mode	Ø5.6 mm
HL6312G	635 nm	5 mW	55 mA	<2.7 V	8°	31°	Single Mode	Ø9 mm
LPM-635-SMA	635 nm	8 mW	50 mA	2.2 V	-	-	Multimode	Ø9 mm, MM Pigtail
LP635-SF8	635 nm	8 mW	60 mA	2.3 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL6320G	635 nm	10 mW	70 mA	<2.7 V	8°	31°	Single Mode	Ø9 mm
HL6322G	635 nm	15 mW	85 mA	<2.7 V	8°	30°	Single Mode	Ø9 mm
L637P5	637 nm	5 mW	20 mA	<2.4 V	8°	34°	Single Mode	Ø5.6 mm
LP637-SF50	637 nm	50 mW	140 mA	2.6 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LP637-SF70	637 nm	70 mW	220 mA	2.7 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL63142DG	637 nm	100 mW	140 mA	2.7 V	8°	18°	Single Mode	Ø5.6 mm
HL63133DG	637 nm	170 mW	250 mA	2.8 V	9°	17°	Single Mode	Ø5.6 mm
HL6388MG	637 nm	250 mW	340 mA	2.3 V	10°	40°	Multimode	Ø5.6 mm
L638P040	638 nm	40 mW	92 mA	2.4 V	10°	21°	Single Mode	Ø5.6 mm
L638P150	638 nm	150 mW	230 mA	2.7 V	9	18	Single Mode	Ø3.8 mm
L638P200	638 nm	200 mW	280 mA	2.9 V	8	14	Single Mode	Ø5.6 mm
L638P700M	638 nm	700 mW	820 mA	2.2 V	9°	35°	Multimode	Ø5.6 mm
HL6358MG	639 nm	10 mW	40 mA	2.3 V	8°	21°	Single Mode	Ø5.6 mm
HL6323MG	639 nm	30 mW	95 mA	2.3 V	8.5°	30°	Single Mode	Ø5.6 mm
HL6362MG	640 nm	40 mW	90 mA	2.4 V	10°	21°	Single Mode	Ø5.6 mm
LP642-SF20	642 nm	20 mW	90 mA	2.5 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail

Item #	Wavelength	Output Power	Operating Current	Operating Voltage	Beam Divergence		Spatial Mode	Package
LP642-PF20	642 nm	20 mW	90 mA	2.5 V	-	-	Single Mode	Ø5.6 mm, PM Pigtail
HL6364DG	642 nm	60 mW	125 mA	2.5 V	10°	21°	Single Mode	Ø5.6 mm
HL6366DG	642 nm	80 mW	155 mA	2.5 V	10°	21°	Single Mode	Ø5.6 mm
HL6385DG	642 nm	150 mW	280 mA	2.6 V	9°	17°	Single Mode	Ø5.6 mm
L650P007	650 nm	7 mW	28 mA	2.2 V	9°	28°	Single Mode	Ø5.6 mm
LPS-660-FC	658 nm	7.5 mW	65 mA	2.6 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LP660-SF20	658 nm	20 mW	80 mA	2.6 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LPM-660-SMA	658 nm	22.5 mW	65 mA	2.6 V	-	-	Multimode	Ø5.6 mm, MM Pigtail
HL6501MG	658 nm	30 mW	65 mA	2.6 V	8.5°	22°	Single Mode	Ø5.6 mm
L658P040	658 nm	40 mW	75 mA	2.2 V	10°	20°	Single Mode	Ø5.6 mm
LP660-SF40	658 nm	40 mW	135 mA	2.5 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LP660-SF60	658 nm	60 mW	210 mA	2.4 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL6544FM	660 nm	50 mW	115 mA	2.3 V	10°	17°	Single Mode	Ø5.6 mm
LP660-SF50	660 nm	50 mW	140 mA	2.3 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL6545MG	660 nm	120 mW	170 mA	2.45 V	10°	17°	Single Mode	Ø5.6 mm
L660P120	660 nm	120 mW	175 mA	2.5 V	10°	17°	Single Mode	Ø5.6 mm
LPS-675-FC	670 nm	2.5 mW	55 mA	2.2 V	-	-	Single Mode	Ø9 mm, SM Pigtail
HL6748MG	670 nm	10 mW	30 mA	2.2 V	8°	25°	Single Mode	Ø5.6 mm
HL6714G	670 nm	10 mW	55 mA	<2.7 V	8°	22°	Single Mode	Ø9 mm
HL6756MG	670 nm	15 mW	35 mA	2.3 V	8°	24°	Single Mode	Ø5.6 mm
SLD1332V	670 nm	500 mW	800 mA	2.4 V	8°	23°	Multimode	Ø9 mm
LP685-SF15	685 nm	15 mW	55 mA	2.1 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL6750MG	685 nm	50 mW	75 mA	2.3 V	9°	21°	Single Mode	Ø5.6 mm
HL6738MG	690 nm	30 mW	90 mA	2.5 V	8.5°	19°	Single Mode	Ø5.6 mm
LP705-SF15	705 nm	15 mW	55 mA	2.3 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
HL7001MG	705 nm	40 mW	75 mA	2.5 V	9°	18°	Single Mode	Ø5.6 mm
HL7302MG	730 nm	40 mW	75 mA	2.5 V	9°	18°	Single Mode	Ø5.6 mm
DBR760PN	761 nm	9 mW	125 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
L780P010	780 nm	10 mW	24 mA	1.8 V	8°	30°	Single Mode	Ø5.6 mm
LP780-SAD15	780 nm	15 mW	180 mA	2.2 V	-	-	Single Frequency	Ø9 mm, SM Pigtail
DBR780PN	781 nm	45 mW	250 mA	1.9 V	-	-	Single Frequency	Butterfly, PM Pigtail
L785P5	785 nm	5 mW	28 mA	1.9 V	10°	29°	Single Mode	Ø5.6 mm
LPS-PM785-FC	785 nm	6.25 mW	65 mA	-	-	-	Single Mode	Ø5.6 mm, PM Pigtail
LPS-785-FC	785 nm	10 mW	65 mA	1.85 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LP785-SF20	785 nm	20 mW	85 mA	1.9 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
DBR785S	785 nm	25 mW	230 mA	2.0 V	-	-	Single Frequency	Butterfly, SM Pigtail
DBR785P	785 nm	25 mW	230 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
L785P25	785 nm	25 mW	45 mA	1.9 V	8°	30°	Single Mode	Ø5.6 mm
FPV785S	785 nm	50 mW	410 mA	2.2 V	-	-	Single Frequency	Butterfly, SM Pigtail
LP785-SAV50	785 nm	50 mW	500 mA	2.2 V	-	-	Single Frequency	Ø9 mm, SM Pigtail
L785P090	785 nm	90 mW	120 mA	2.0 V	9°	16°	Single Mode	Ø5.6 mm
LP785-SF100	785 nm	100 mW	300 mA	2.0 V	-	-	Single Mode	Ø9 mm, SM Pigtail
L785H1	785 nm	200 mW	220 mA	2.5 V	8.5°	16°	Single Mode	Ø5.6 mm
FPL785S-250	785 nm	250 mW (Min)	500 mA	2.0 V	-	-	Single Mode	Butterfly, SM Pigtail
LD785-SEV300	785 nm	300 mW	500 mA (Max)	2.0 V	8°	16°	Single Frequency	Ø9 mm
LD785-SH300	785 nm	300 mW	400 mA	2.0 V	7°	18°	Single Mode	Ø9 mm
FPL785C	785 nm	300 mW	400 mA	2.0 V	7°	18°	Single Mode	3 mm x 5 mm Submount
LD785-SE400	785 nm	400 mW	550 mA	2.0 V	7°	16°	Single Mode	Ø9 mm
ML620G40	805 nm	500 mW	650 mA	1.9 V	3°	34°	Multimode	Ø5.6 mm
L808P010	808 nm	10 mW	50 mA	2 V	10°	30°	Single Mode	Ø5.6 mm
L808P030	808 nm	30 mW	65 mA	2 V	10°	30°	Single Mode	Ø5.6 mm
M9-808-0150	808 nm	150 mW	180 mA	1.9 V	8°	17°	Single Mode	Ø9 mm
L808P200	808 nm	200 mW	260 mA	2 V	10°	30°	Multimode	Ø5.6 mm
LD808-SEV500	808 nm	500 mW	800 mA (Max)	2.2 V	8°	14°	Single Frequency	Ø9 mm
FPL808S	808 nm	200 mW	750 mA	2.3 V	-	-	Single Mode	Butterfly, SM Pigtail
LD808-SE500	808 nm	500 mW	750 mA	2.2 V	7°	14°	Single Mode	Ø9 mm
L808P500MM	808 nm	500 mW	650 mA	1.8 V	12°	30°	Multimode	Ø5.6 mm
L808P1000MM	808 nm	1000 mW	1100 mA	2 V	9°	30°	Multimode	Ø9 mm
LP820-SF80	820 nm	80 mW	230 mA	2.3 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L820P100	820 nm	100 mW	145 mA	2.1 V	9°	17°	Single Mode	Ø5.6 mm
L820P200	820 nm	200 mW	250 mA	2.4 V	9°	17°	Single Mode	Ø5.6 mm
DBR828PN	828 nm	24 mW	250 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
LPS-830-FC	830 nm	10 mW	120 mA	-	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LPS-PM830-FC	830 nm	10 mW	120 mA	-	-	-	Single Mode	Ø5.6 mm, PM Pigtail
LP830-SF30	830 nm	30 mW	115 mA	1.9 V	-	-	Single Mode	Ø9 mm, SM Pigtail
HL8338MG	830 nm	50 mW	75 mA	1.9 V	9°	22°	Single Mode	Ø5.6 mm
FPL830S	830 nm	350 mW	900 mA	2.5 V	-	-	Single Mode	Butterfly, SM Pigtail
LD830-SE650	830 nm	650 mW	900 mA	2.3 V	7°	13°	Single Mode	Ø9 mm
LD830-MA1W	830 nm	1 W	1.330 A	2.1 V	7°	24°	Multimode	Ø9 mm
LD830-ME2W	830 nm	2 W	3 A (Max)	2.0 V	8°	21°	Multimode	Ø9 mm
L840P200	840 nm	200 mW	255 mA	2.4 V	9	17	Single Mode	Ø5.6 mm
L850P010	850 nm	10 mW	50 mA	2 V	10°	30°	Single Mode	Ø5.6 mm
L850P030	850 nm	30 mW	65 mA	2 V	8.5°	30°	Single Mode	Ø5.6 mm
LP850-SF80	850 nm	80 mW	230 mA	2.3 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L850P200	850 nm	200 mW	255 mA	2.4 V	9	17	Single Mode	Ø5.6 mm
FPV852S	852 nm	20 mW	400 mA	2.2 V	-	-	Single Frequency	Butterfly, SM Pigtail
DBR852PN	852 nm	24 mW	300 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
LP852-SF30	852 nm	30 mW	115 mA	1.9 V	-	-	Single Mode	Ø9 mm, SM Pigtail
L852P50	852 nm	50 mW	75 mA	1.9 V	9°	22°	Single Mode	Ø5.6 mm
L852P100	852 nm	100 mW	120 mA	1.9 V	8°	28°	Single Mode	Ø9 mm
L852P150	852 nm	150 mW	170 mA	1.9 V	8°	18°	Single Mode	Ø9 mm
FPL852S	852 nm	350 mW	900 mA	2.5 V	-	-	Single Mode	Butterfly, SM Pigtail
LD852-SE600	852 nm	600 mW	950 mA	2.3 V	7° (1/e ²)	13° (1/e ²)	Single Mode	Ø9 mm

Item #	Wavelength	Output Power	Operating Current	Operating Voltage	Beam Divergence		Spatial Mode	Package
LD852-SEV600	852 nm	600 mW	1050 mA (Max)	2.2 V	8°	13° (1/e ²)	Single Frequency	Ø9 mm
LP880-SF3	880 nm	3 mW	25 mA	2.2 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L880P010	880 nm	10 mW	30 mA	2.0 V	12°	37°	Single Mode	Ø5.6 mm
L904P010	904 nm	10 mW	50 mA	2 V	10°	30°	Single Mode	Ø5.6 mm
LP915-SF40	915 nm	40 mW	130 mA	1.5 V	-	-	Single Mode	Ø9 mm, SM Pigtail
M9-915-0300	915 nm	300 mW	370 mA	1.9 V	8°	28°	Single Mode	Ø9 mm
LP940-SF30	940 nm	30 mW	90 mA	1.5 V	-	-	Single Mode	Ø9 mm, SM Pigtail
M9-940-0200	940 nm	200 mW	270 mA	1.9 V	8°	28°	Single Mode	Ø9 mm
FPV976S	976 nm	30 mW	400 mA (Max)	2.2 V	-	-	Single Frequency	Butterfly, SM Pigtail
DBR976PN	976 nm	33 mW	450 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
DBR976S	976 nm	50 mW	150 mA	2.0 V	-	-	Single Frequency	Butterfly, SM Pigtail
BL976-SAG300	976 nm	300 mW	470 mA	2.0 V	-	-	Single Mode	Butterfly, SM Pigtail
BL976-PAG500	976 nm	500 mW	830 mA	2.0 V	-	-	Single Mode	Butterfly, PM Pigtail
BL976-PAG700	976 nm	700 mW	1090 mA	2.0 V	-	-	Single Mode	Butterfly, PM Pigtail
BL976-PAG900	976 nm	900 mW	1480 mA	2.5 V	-	-	Single Mode	Butterfly, PM Pigtail
L980P010	980 nm	10 mW	25 mA	2 V	10°	30°	Single Mode	Ø5.6 mm
LP980-SF15	980 nm	15 mW	70 mA	1.5 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
L980P030	980 nm	30 mW	100 mA	1.5 V	10°	30°	Single Mode	Ø5.6 mm
L9805E2P5	980 nm	50 mW	95 mA	1.5 V	8°	33°	Single Mode	Ø5.6 mm
L980P100A	980 nm	100 mW	150 mA	1.6 V	6°	32°	Multimode	Ø5.6 mm
L980P200	980 nm	200 mW	300 mA	1.5 V	6°	30°	Multimode	Ø5.6 mm
L1060P200J	1060 nm	200 mW	280 mA	1.3 V	6°	32°	Single Mode	Ø9 mm
DBR1064S	1064 nm	40 mW	150 mA	2.0 V	-	-	Single Frequency	Butterfly, SM Pigtail
DBR1064P	1064 nm	40 mW	150 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
DBR1064PN	1064 nm	110 mW	550 mA	2.0 V	-	-	Single Frequency	Butterfly, PM Pigtail
LPS-1060-FC	1064 nm	50 mW	220 mA	1.4 V	-	-	Single Mode	Ø9 mm, SM Pigtail
M9-A64-0200	1064 nm	200 mW	280 mA	1.7 V	8°	28°	Single Mode	Ø9 mm
M9-A64-0300	1064 nm	300 mW	390 mA	1.7 V	8°	28°	Single Mode	Ø9 mm
LP1310-SAD2	1310 nm	2.0 mW	40 mA	1.1 V	-	-	Single Frequency	Ø5.6 mm, SM Pigtail
LPS-1310-FC	1310 nm	2.5 mW	20 mA	1.1 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LPS-PM1310-FC	1310 nm	2.5 mW	20 mA	1.1 V	-	-	Single Mode	Ø5.6 mm, PM Pigtail
L1310P5DFB	1310 nm	5 mW	20 mA	1.1 V	7°	9°	Single Frequency	Ø5.6 mm
ML725B8F	1310 nm	5 mW	20 mA	1.1 V	25°	30°	Single Mode	Ø5.6 mm
LPSC-1310-FC	1310 nm	50 mW	350 mA	2 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
FPL1053S	1310 nm	130 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL1053P	1310 nm	130 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, PM Pigtail
FPL1053T	1310 nm	300 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Ø5.6 mm
FPL1053C	1310 nm	300 mW (Pulsed)	750 mA	2 V	15°	27°	Single Mode	Chip on Submount
L1310G1	1310 nm	2000 mW	5 A	1.5 V	7°	24°	Multimode	Ø9 mm
L1370G1	1370 nm	2000 mW	5 A	1.4 V	6°	22°	Multimode	Ø9 mm
L1450G1	1450 nm	2000 mW	5 A	1.4 V	7°	22°	Multimode	Ø9 mm
L1480G1	1480 nm	2000 mW	5 A	1.6 V	6°	20°	Multimode	Ø9 mm
LPS-1550-FC	1550 nm	1.5 mW	30 mA	1.0 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LPS-PM1550-FC	1550 nm	1.5 mW	30 mA	1.1 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
LP1550-SAD2	1550 nm	2.0 mW	40 mA	1.0 V	-	-	Single Frequency	Ø5.6 mm, SM Pigtail
L1550P5DFB	1550 nm	5 mW	20 mA	1.1 V	8°	10°	Single Frequency	Ø5.6 mm
ML925B45F	1550 nm	5 mW	30 mA	1.1 V	25°	30°	Single Mode	Ø5.6 mm
SFL1550S	1550 nm	40 mW	300 mA	1.5 V	-	-	Single Frequency	Butterfly, SM Pigtail
SFL1550P	1550 nm	40 mW	300 mA	1.5 V	-	-	Single Frequency	Butterfly, PM Pigtail
LPSC-1550-FC	1550 nm	50 mW	250 mA	2 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
FPL1009S	1550 nm	100 mW	400 mA	1.4 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL1009P	1550 nm	100 mW	400 mA	1.4 V	-	-	Single Mode	Butterfly, PM Pigtail
FPL1001C	1550 nm	150 mW	400 mA	1.4 V	18°	31°	Single Mode	Chip on Submount
FPL1055T	1550 nm	300 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Ø5.6 mm
FPL1055C	1550 nm	300 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Chip on Submount
L1550G1	1550 nm	1700 mW	5 A	1.5 V	7°	28°	Multimode	Ø9 mm
L1575G1	1575 nm	1700 mW	5 A	1.5 V	6°	28°	Multimode	Ø9 mm
LPSC-1625-FC	1625 nm	50 mW	350 mA	1.5 V	-	-	Single Mode	Ø5.6 mm, SM Pigtail
FPL1054S	1625 nm	80 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL1054P	1625 nm	80 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, PM Pigtail
FPL1054C	1625 nm	250 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Chip on Submount
FPL1054T	1625 nm	250 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Ø5.6 mm
FPL1059S	1650 nm	80 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL1059P	1650 nm	80 mW	400 mA	1.7 V	-	-	Single Mode	Butterfly, PM Pigtail
FPL1059C	1650 nm	225 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Chip on Submount
FPL1059T	1650 nm	225 mW (Pulsed)	750 mA	2 V	15°	28°	Single Mode	Ø5.6 mm
FPL1940S	1940 nm	15 mW	400 mA	2 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL2000S	2 µm	15 mW	400 mA	2 V	-	-	Single Mode	Butterfly, SM Pigtail
FPL2000C	2 µm	30 mW	400 mA	5.2 V	8°	19°	Single Mode	Chip on Submount
QD4500CM1	4.00 - 5.00 µm (DFB)	40 mW	<500 mA	10.5 V	30°	40°	Single Frequency	Two-Tab C-Mount
QF4050D2	4.05 µm (FP)	800 mW	750 mA	13 V	30°	40°	Single Mode	D-Mount
QF4050D3	4.05 µm (FP)	1200 mW	1000 mA	13 V	30°	40°	Single Mode	D-Mount
QF4400CM1	4.40 µm (FP)	500 mW	1020 mA	10.7 V	26°	53°	Single Mode	Two-Tab C-Mount
QD4580CM1	4.54 - 4.62 µm (DFB)	40 mW	<600 mA	10.5 V	50°	30°	Single Frequency	Two-Tab C-Mount
QF4550CM1	4.55 µm (FP)	450 mW	900 mA	10.5 V	30°	55°	Single Mode	Two-Tab C-Mount
QF4600T1	4.60 µm (FP)	400 mW	800 mA	12.0 V	40°	30°	Single Mode	Ø9 mm
QF4800CM1	4.80 µm (FP)	500 mW	850 mA	15.5 V	33°	53°	Single Mode	Two-Tab C-Mount
QD5250CM1	5.00 - 8.00 µm (DFB)	40 mW	<700 mA	9.5 V	30°	45°	Single Frequency	Two-Tab C-Mount
QD5250CM1	5.20 - 5.30 µm (DFB)	120 mW	<660 mA	10.2 V	41°	52°	Single Frequency	Two-Tab C-Mount
QF5300CM1	5.30 µm (FP)	150 mW	1200 mA	9.0 V	30°	55°	Single Mode	Two-Tab C-Mount
QD6500CM1	6.00 - 7.00 µm (DFB)	40 mW	<650 mA	10 V	35°	50°	Single Frequency	Two-Tab C-Mount
QF7200CM1	7.20 µm (FP)	250 mW	1300 mA	8.5 V	35°	65°	Single Mode	Two-Tab C-Mount
QD7500CM1	7.00 - 8.00 µm (DFB)	40 mW	<600 mA	10 V	40°	50°	Single Frequency	Two-Tab C-Mount

Item #	Wavelength	Output Power	Operating Current	Operating Voltage	Beam Divergence		Spatial Mode	Package
QD7500DM1	7.00 - 8.00 μm (DFB)	100 mW	<600 mA	11.5 V	40°	55°	Single Frequency	D-Mount
QF7700CM1	7.70 μm (FP)	250 mW	1100 mA	7.8 V	37°	65°	Single Mode	Two-Tab C-Mount
QD7950CM1	7.90 - 8.00 μm (DFB)	100 mW	<1000 mA	9.5 V	55°	70°	Single Frequency	Two-Tab C-Mount
QD8050CM1	8.00 - 8.10 μm (DFB)	100 mW	<1000 mA	9.5 V	55°	70°	Single Frequency	Two-Tab C-Mount
QD8500CM1	8.00 - 9.00 μm (DFB)	100 mW	<900 mA	9.5 V	40°	55°	Single Frequency	Two-Tab C-Mount
QD8500HHLH	8.00 - 9.00 μm (DFB)	100 mW	<600 mA	10.2 V	-	-	Single Frequency	Horizontal HHL
QF8350CM1	8.55 μm (FP)	300 mW	1750 mA	8.5 V	55°	70°	Single Mode	Two-Tab C-Mount
QD8650CM1	8.60 - 8.70 μm (DFB)	50 mW	<900 mA	9.5 V	55°	70°	Single Frequency	Two-Tab C-Mount
QD9500CM1	9.00 - 10.00 μm (DFB)	60 mW	<800 mA	9.5 V	40°	55°	Single Frequency	Two-Tab C-Mount
QD9500HHLH	9.00 - 10.00 μm (DFB)	100 mW	<600 mA	10.2 V	-	-	Single Frequency	Horizontal HHL
QF9150CM1	9.15 μm (FP)	180 mW	1500 mA	8.4 V	40°	65°	Single Mode	Two-Tab C-Mount
QF9550CM1	9.55 μm (FP)	80 mW	1500 mA	7.8 V	35°	60°	Single Mode	Two-Tab C-Mount
QD10500CM1	10.00 - 11.00 μm (DFB)	40 mW	<600 mA	10 V	40°	55°	Single Frequency	Two-Tab C-Mount

The rows shaded green above denote single-frequency lasers.