



Fabry-Perot Laser Diodes

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.

WL and P indicate the wavelength and power of the free running diode. WLmin , WLmax, MHFTR, Pdl specify the performance achieved in our external cavity diode laser product DL 100 for shortest wavelength, longest wavelength, mode-hop free tuning range and output power, respectively.

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

WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	Pdl mW	Article Number	Stock	Remark
371.0	20	370.2	371.2	10	8	#LD-0375-0020-2	*	**
372.0	20	371.2	372.2	10	8	#LD-0375-0020-2	*	**
373.0	20	372.2	373.2	10	8	#LD-0375-0020-2	*	**
374.0	20	373.2	374.2	10	8	#LD-0375-0020-2	*	**
375.0	20	374.2	375.2	10	8	#LD-0375-0020-2	*	**
375.0	70					#LD-0375-0070-1	*	**
376.0	20	375.2	376.2	10	8	#LD-0375-0020-2	*	**
376.0	70					#LD-0375-0070-1	1	**
377.0	20	376.2	377.2	10	8	#LD-0375-0020-2	*	**
377.0	70					#LD-0375-0070-1	2	**
378.0	20	377.2	378.2	10	8	#LD-0375-0020-2	*	**
378.0	70					#LD-0375-0070-1	3	**
379.0	20	378.2	379.2	10	8	#LD-0375-0020-2	2	**
379.0	70					#LD-0375-0070-1	3	**
394.0	120	392.5	394.5	20	13	#LD-0395-0120-1	*	**
395.0	120	393.5	395.5	20	13	#LD-0395-0120-1	> 3	**
396.0	120	394.5	396.5	20	13	#LD-0395-0120-1	1	**
401.0	120	399.5	401.5	20	13	#LD-0405-0120-3	> 3	**
401.0	120	399.5	401.5	20	13	#LD-0405-0120-5	> 3	**
402.0	60	400.5	402.5	20	13	#LD-0405-0060-3	> 3	**
402.0	120	400.5	402.5	20	13	#LD-0405-0120-1	> 3	**
402.0	120	400.5	402.5	20	13	#LD-0405-0120-5	*	**
403.0	120	401.5	403.5	20	13	#LD-0405-0120-1	> 3	**
403.0	120	401.5	403.5	20	13	#LD-0405-0120-2	2	**
403.0	120	401.5	403.5	20	13	#LD-0405-0120-5	*	**
404.0	30	402.5	404.5	20	10	#LD-0405-0030-3	1	**
404.0	60	402.5	404.5	20	13	#LD-0405-0060-2	> 3	** floating type
404.0	65					#LD-0405-0065-1	1	**
404.0	120	402.5	404.5	20	13	#LD-0405-0120-1	> 3	**
404.0	120	402.5	404.5	20	13	#LD-0405-0120-2	3	**
404.0	120	402.5	404.5	20	13	#LD-0405-0120-5	*	**
404.0	250	402.5	404.5	20	13	#LD-0405-0250-1	2	**

* : upon request

** : different specifications, ask for details



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WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	PdI mW	Article Number	Stock	Remark
405.0	60	403.5	405.5	20	13	#LD-0405-0060-2	> 3	** floating type
405.0	120	403.5	405.5	20	13	#LD-0405-0120-1	> 3	**
405.0	120	403.5	405.5	20	13	#LD-0405-0120-5	*	**
406.0	120	404.5	406.5	20	13	#LD-0405-0120-1	> 3	**
406.0	120	404.5	406.5	20	13	#LD-0405-0120-5	*	**
406.0	250	404.5	406.5	20	13	#LD-0405-0250-1	> 3	**
407.0	120	405.5	407.5	20	13	#LD-0405-0120-1	1	**
407.0	120	405.5	407.5	20	13	#LD-0405-0120-5	*	**
407.0	250	405.5	407.5	20	13	#LD-0405-0250-1	3	**
408.0	60	406.5	408.5	20	13	#LD-0405-0060-3	1	**
408.0	120	406.5	408.5	20	13	#LD-0405-0120-1	*	**
408.0	120	406.5	408.5	20	13	#LD-0405-0120-3	2	**
408.0	120	406.5	408.5	20	13	#LD-0405-0120-5	*	**
409.0	60	407.5	409.5	20	13	#LD-0405-0060-3	> 3	**
409.0	120	407.5	409.5	20	13	#LD-0405-0120-1	*	**
409.0	120	407.5	409.5	20	13	#LD-0405-0120-3	2	**
409.0	120	407.5	409.5	20	13	#LD-0405-0120-5	*	**
410.0	60	408.5	410.5	20	13	#LD-0405-0060-3	> 3	**
412.0	5	411.5	412.5	20	2.5	#LD-0405-0005-2	1	**
415.0	120	413.5	416.5	20	13	#LD-0415-0120-1	*	**
416.0	5	415.5	416.5	20	2.5	#LD-0405-0005-2	1	**
416.0	120	414.5	417.5	20	13	#LD-0415-0120-1	*	**
417.0	120	415.5	418.5	20	13	#LD-0415-0120-1	1	**
418.0	120	416.5	419.5	20	13	#LD-0415-0120-1	> 3	**
419.0	120	417.5	420.5	20	13	#LD-0415-0120-1	*	**
420.0	10	419	421	10	5	#LD-0420-0020-1	2	** single piece
420.0	30	418.5	420.5	20	10	#LD-0405-0030-4	3	**
420.0	120	418.5	421.5	20	13	#LD-0425-0120-1	2	**
421.0	120	419.5	422.5	20	13	#LD-0425-0120-1	*	**
422.0	120	420.5	423.5	20	13	#LD-0425-0120-1	*	**
423.0	120	421.5	424.5	20	13	#LD-0425-0120-1	*	**
424.0	120	422.5	425.5	20	13	#LD-0425-0120-1	2	**
437.0	5	436.5	437.5	20	2.5	#LD-0440-0005-1	1	**
438.0	60	437	439	8	15	#LD-0445-0080-1	1	**
438.1	60	437.08	439.08	8	15	#LD-0445-0080-1	*	**
439.0	60	438	440	8	15	#LD-0445-0080-1	2	**
440.0	100	438	440.5	15	15	#LD-0445-0100-1	*	**
441.0	60	440	442	8	15	#LD-0445-0080-1	3	**
441.0	100	439	441.5	15	15	#LD-0445-0100-1	*	**
442.0	100	440	442.5	15	15	#LD-0445-0100-1	*	**
443.0	100	441	443.5	15	15	#LD-0445-0100-1	1	**
444.0	60	443	445	8	15	#LD-0445-0080-1	2	**
444.0	100	442	444.5	15	15	#LD-0445-0100-1	2	**
445.0	100	443	445.5	15	15	#LD-0445-0100-1	2	**
446.0	50	444	446.5	15	15	#LD-0445-0050-1	2	**

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WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	PdI mW	Article Number	Stock	Remark
446.0	100	444	446.5	15	15	#LD-0445-0100-1	1	**
447.0	50	445	447.5	15	15	#LD-0445-0050-1	2	**
448.0	50	446	448.5	15	15	#LD-0445-0050-1	2	**
451.0	50	450	452	15	15	#LD-0450-0050-1	2	**
451.0	60	450	452	8	15	#LD-0445-0080-1	1	**
453.0	50	452	454	15	15	#LD-0450-0050-1	1	**
454.0	50	453	455	15	15	#LD-0450-0050-1	1	**
455.0	50	454	456	15	15	#LD-0450-0050-1	> 3	**
455.0	100	451	457	15	15	#LD-0460-0100-1	*	**
456.0	100	452	458	15	15	#LD-0460-0100-1	*	**
457.0	100	453	459	15	15	#LD-0460-0100-1	> 3	**
458.0	100	454	460	15	15	#LD-0460-0100-1	*	**
459.0	50	458	460	8	15	#LD-0460-0050-1	> 3	**
459.0	100	455	461	15	15	#LD-0460-0100-1	2	**
460.0	100	456	462	15	15	#LD-0460-0100-1	3	**
469.0	80	466	470	15	15	#LD-0473-0080-2	1	**
471.0	80	468	472	15	15	#LD-0473-0080-2	*	**
472.0	80	469	473	15	15	#LD-0473-0080-2	*	**
473.0	80	470	474	15	15	#LD-0473-0080-2	> 3	**
474.0	80	471	475	15	15	#LD-0473-0080-2	*	**
475.0	80	472	476	15	15	#LD-0473-0080-2	*	**
476.0	80	473	477	15	15	#LD-0473-0080-2	*	**
485.0	60	480	488	20	10	#LD-0488-0060-1	*	**
485.0	150	480	488	20	10	#LD-0488-0150-1	*	**
486.0	150	481	489	20	10	#LD-0488-0150-1	*	**
487.0	60	482	490	20	10	#LD-0488-0060-1	> 3	**
487.0	150	482	490	20	10	#LD-0488-0150-1	> 3	**
488.0	60	483	491	20	10	#LD-0488-0060-1	> 3	**
488.0	150	483	491	20	10	#LD-0488-0150-1	> 3	**
489.0	60	484	492	20	10	#LD-0488-0060-1	*	**
489.0	150	484	492	20	10	#LD-0488-0150-1	> 3	**
490.0	60	485	493	20	10	#LD-0488-0060-1	*	**
490.0	150	485	493	20	10	#LD-0488-0150-1	2	**
512.0	30	510	513	15	10	#LD-0515-0025-1	*	**
512.0	30	510	513	15	10	#LD-0515-0025-2	*	**
513.0	30	511	514	15	10	#LD-0515-0025-1	*	**
513.0	30	511	514	15	10	#LD-0515-0025-2	*	**
514.0	30	512	515	15	10	#LD-0515-0025-1	*	**
514.0	30	512	515	15	10	#LD-0515-0025-2	*	**
515.0	30	513	516	15	10	#LD-0515-0025-1	*	**
515.0	30	513	516	15	10	#LD-0515-0025-2	2	**
516.0	30	514	517	15	10	#LD-0515-0025-1	1	**
516.0	30	514	517	15	10	#LD-0515-0025-2	1	**
635.0	10					#LD-0635-0010-3	1	not selected
636.0	15	634	638	8	7	#LD-0635-0015-2	> 3	

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WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	PdI mW	Article Number	Stock	Remark
637.0	15	635	639	8	7	#LD-0635-0015-2	> 3	
637.0	35	635	639	15	16	#LD-0640-0035-1	> 3	**
638.0	15	636	640	8	7	#LD-0635-0015-2	2	
638.0	35	636	640	15	16	#LD-0640-0035-1	> 3	**
639.0	35	637	641	15	16	#LD-0640-0035-1	3	**
641.0	80	638	642	12	45	#LD-0640-0080-2	*	
642.0	80	639	643	12	45	#LD-0640-0080-2	3	
643.0	80	640	644	12	45	#LD-0640-0080-2	> 3	
644.0	80	641	645	12	45	#LD-0640-0080-2	3	
644.0	80	641	646	12	45	#LD-0645-0080-1	> 3	
650.0	20			15	10	#LD-0650-0020-2	> 3	not selected
657.0	50	653	659	20	20	#LD-0655-0050-1	> 3	
658.0	50	654	660	20	20	#LD-0655-0050-1	1	
659.0	50	655	661	20	20	#LD-0655-0050-1	> 3	
661.0	50	657	663	20	20	#LD-0655-0050-2	> 3	
662.0	50	658	664	20	20	#LD-0655-0050-2	> 3	
663.0	50	659	665	20	20	#LD-0655-0050-2	1	
665.0	60	663	666	8	25	#LD-0665-0060-1	1	
670.0	5					#LD-0670-0005-2	> 3	not selected
677.0	30	672	681	15	18	#LD-0675-0030-1	3	**
682.0	60	679	685	15	25	#LD-0685-0050-3	1	
688.0	50	685	688.01	15	30	#LD-0685-0050-4	> 3	
693.0	50	690	696	15	30	#LD-0685-0050-5	1	
702.0	50	697	705	18	30	#LD-0705-0040-1	*	
703.0	50	698	706	18	30	#LD-0705-0040-1	> 3	
704.0	50	699	707	18	30	#LD-0705-0040-1	2	
705.0	50	700	708	18	30	#LD-0705-0040-1	1	
706.0	50	701	709	18	30	#LD-0705-0040-1	*	
735.0	20	731	741	15	15	#LD-0735-0020-1	2	**
736.0	20	732	742	15	15	#LD-0735-0020-1	2	**
737.8	5					#LD-0740-0005-1	1	
783.0	120	779	787	18	80	#LD-0780-P250-4	3	
784.0	120	780	788	18	120	#LD-0780-0200-1	> 3	
784.0	120	780	788	18	80	#LD-0780-P250-4	> 3	
785.0	120	781	789	18	80	#LD-0780-P250-3	> 3	** Selected for Raman
786.0	120	782	790	18	80	#LD-0780-P250-3	> 3	** Selected for Raman
792.0	150	787	796	15	120	#LD-0795-0150-2	2	
793.0	150	788	797	15	120	#LD-0795-0150-2	> 3	
794.0	150	789	798	15	120	#LD-0795-0150-2	> 3	
795.0	150	790	799	15	120	#LD-0795-0150-2	3	
796.0	150	791	800	15	120	#LD-0795-0150-2	1	
803.0	300	795	807	15	160	#LD-0800-0300-2	3	** TM polarized
804.0	200	796	810	25	150	#LD-0810-0200-1	1	
804.0	300	796	808	15	160	#LD-0800-0300-2	> 3	** TM polarized
805.0	200	797	811	25	150	#LD-0810-0200-1	> 3	

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WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	PdI mW	Article Number	Stock	Remark
806.0	200	798	812	25	150	#LD-0810-0200-1	> 3	
807.0	200	799	813	25	150	#LD-0810-0200-1	> 3	
808.0	200	800	814	25	150	#LD-0810-0200-1	> 3	
825.0	150	815	832	25	100	#LD-0830-0150-4	2	
826.0	150	816	833	25	100	#LD-0830-0150-4	2	
829.0	260	818	831	20	100	#LD-0825-0250-1	> 3	
851.0	300	841	857	15	170	#LD-0850-0300-4	3	**
868.0	100	860	872	20	50	#LD-0870-0100-2	> 3	
869.0	100	861	873	20	50	#LD-0870-0100-2	3	
907.0	200	897	914	12	100	#LD-0915-0200-1	> 3	
908.0	200	898	915	12	100	#LD-0915-0200-1	1	
938.0	300	924	943	15	140	#LD-0935-0300-2	> 3	100mW for lambda>940 nm
941.0	300	933	946	20	150	#LD-0940-0300-1	> 3	**
942.0	300	934	947	20	150	#LD-0940-0300-1	> 3	**
943.0	300	935	948	20	150	#LD-0940-0300-1	2	**
962.0	400	955	970	20	300	#LD-0975-0400-1	1	
963.0	400	956	971	20	300	#LD-0975-0400-1	3	
964.0	400	957	972	20	300	#LD-0975-0400-1	1	
969.0	300	959	977	15	120	#LD-0980-0300-1	1	
971.0	300	961	979	15	120	#LD-0980-0300-1	1	
975.0	400	968	983	20	300	#LD-0975-0400-1	1	
976.0	400	969	984	20	300	#LD-0975-0400-1	1	
977.0	400	970	985	20	300	#LD-0975-0400-1	> 3	
986.0	400	976	992	15	200	#LD-0990-0400-2	> 3	
987.0	400	977	993	15	200	#LD-0990-0400-2	1	
990.0	400	980	996	15	200	#LD-0990-0400-2	> 3	
991.0	400	981	997	15	200	#LD-0990-0400-2	> 3	
1010.0	400	1001	1015	20	200	#LD-1020-0400-2	*	
1011.0	400	1002	1016	20	200	#LD-1020-0400-2	1	
1012.0	400	1003	1017	20	200	#LD-1020-0400-2	> 3	
1013.0	400	1004	1018	20	200	#LD-1020-0400-2	> 3	
1014.0	400	1005	1019	20	200	#LD-1020-0400-2	> 3	
1015.0	400	1006	1020	20	200	#LD-1020-0400-2	> 3	
1016.0	400	1007	1021	20	200	#LD-1020-0400-2	> 3	
1028.0	400	1019	1033	20	200	#LD-1020-0400-2	3	
1029.0	400	1020	1034	20	200	#LD-1020-0400-2	*	
1066.0	200	1052	1071	15	180	#LD-1060-0200-1	2	
1067.0	200	1053	1072	15	180	#LD-1060-0200-1	1	
1072.0	300	1060	1080	18	180	#LD-1080-0300-1	1	
1074.0	300	1062	1082	18	180	#LD-1080-0300-1	1	
1078.0	300	1066	1086	18	180	#LD-1080-0300-1	2	
1078.0	300	1066	1083	18	150	#LD-1080-0300-2	2	
1079.0	75	1055	1090	12	40	#LD-1080-0075-1	1	**
1085.0	75	1061	1096	12	40	#LD-1080-0075-1	2	**
1086.0	75	1062	1097	12	40	#LD-1080-0075-1	2	**

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WL nm	P mW	WLmin nm	WLmax nm	MHFTR GHz	PdI mW	Article Number	Stock	Remark
1086.0	300	1074	1094	18	180	#LD-1080-0300-1	1	
1089.0	300	1077	1097	18	180	#LD-1080-0300-1	1	

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