

Fiber-Pigtailed Laser Diodes (Page 2 of 2)

Single Mode, Fiber-Pigtailed Laser Diodes

Thorlabs' single mode (SM) fiber-pigtailed laser diodes feature 1 m of FC/PC-terminated fiber. Single mode pigtailed provide coherent, fiber-coupled output from a laser diode.

ITEM #	λ (Typical)	P (Typical)	P (Max)	PIN CODE	FIBER	\$	£	€	RMB
LP405-SF10 ^a	405 nm	10 mW	12 mW	B	S405-HP	CALL	CALL	CALL	CALL
LP405-SF30 ^{ab}	405 nm	30 mW	35 mW	G ^b	S405-HP	CALL	CALL	CALL	CALL
LP406-SF20 ^{ab}	406 nm	20 mW	25 mW	G ^b	S405-HP	CALL	CALL	CALL	CALL
LP473-SF6 ^a	473 nm	6 mW	8 mW	B	S460-HP	CALL	CALL	CALL	CALL
LP488-SF20 ^a	488 nm	20 mW	25 mW	B	S460-HP	CALL	CALL	CALL	CALL
LPS-635-FC	635 nm	2.5 mW	3.5 mW	A	SM600	\$ 446.00	£ 321.12	€ 388,02	¥ 3,554.62
LP635-SF8	635 nm	8 mW	10 mW	A	SM600	\$ 587.00	£ 422.64	€ 510,69	¥ 4,678.39
LP637-SF70 ^b	637 nm	70 mW	80 mW	G ^b	SM600	\$ 714.00	£ 514.08	€ 621,18	¥ 5,690.58
LP642-SF20	642 nm	20 mW	25 mW	A	SM600	\$ 690.00	£ 496.80	€ 600,30	¥ 5,499.30
LPS-660-FC	658 nm	7.5 mW	9 mW	C	SM600	\$ 446.00	£ 321.12	€ 388,02	¥ 3,554.62
LP660-SF20	658 nm	20 mW	25 mW	A	SM600	\$ 525.00	£ 378.00	€ 456,75	¥ 4,184.25
LP660-SF40	658 nm	40 mW	45 mW	H	SM600	\$ 595.00	£ 428.40	€ 517,65	¥ 4,742.15
LP660-SF60	658 nm	60 mW	70 mW	H	SM600	\$ 645.00	£ 464.40	€ 561,15	¥ 5,140.65
LPS-675-FC	670 nm	2.5 mW	3.5 mW	A	SM600	\$ 446.00	£ 321.12	€ 388,02	¥ 3,554.62
LP685-SF15	685 nm	15 mW	20 mW	C	SM600	\$ 513.00	£ 369.36	€ 446,31	¥ 4,088.61
LP705-SF15	705 nm	15 mW	20 mW	C	SM600	\$ 1,095.00	£ 788.40	€ 952,65	¥ 8,727.15
LPS-785-FC	785 nm	6.25 mW	7.5 mW	A	780HP	\$ 419.00	£ 301.68	€ 364,53	¥ 3,339.43
LP785-SF20	785 nm	20 mW	25 mW	H	780HP	\$ 485.00	£ 349.20	€ 421,95	¥ 3,865.45
LP808-SF30	808 nm	30 mW	40 mW	A	SM800-5.6-125	\$ 843.00	£ 606.96	€ 733,41	¥ 6,718.71
LPS-830-FC	830 nm	10 mW	12 mW	C	SM800-5.6-125	\$ 494.00	£ 355.68	€ 429,78	¥ 3,937.18
LP830-SF30	830 nm	30 mW	40 mW	A	SM800-5.6-125	\$ 843.00	£ 606.96	€ 733,41	¥ 6,718.71
LP852-SF30	852 nm	30 mW	40 mW	A	SM800-5.6-125	\$ 790.00	£ 568.80	€ 687,30	¥ 6,296.30
LP940-SF30	940 nm	30 mW	40 mW	A	SM800-5.6-125	\$ 690.00	£ 496.80	€ 600,30	¥ 5,499.30
LPS-1060-FC	1060 nm	50 mW	60 mW	A	HI1060	\$ 1,200.00	£ 864.00	€ 1,044,00	¥ 9,564.00
LPS-1310-FC	1310 nm	2.5 mW	3 mW	D	SMF-28-J9	\$ 446.00	£ 321.12	€ 388,02	¥ 3,554.62
LPSC-1310-FC	1310 nm	80 mW	100 mW	E	SMF-28-J9	\$ 621.00	£ 447.12	€ 540,27	¥ 4,949.37
LPS-1550-FC	1550 nm	1.5 mW	1.8 mW	D	SMF-28-J9	\$ 534.00	£ 384.48	€ 464,58	¥ 4,255.98
LPSC-1550-FC	1550 nm	50 mW	60 mW	E	SMF-28-J9	\$ 685.00	£ 493.20	€ 595,95	¥ 5,459.45
LPSC-1625-FC	1625 nm	50 mW	60 mW	E	SMF-28-J9	\$ 685.00	£ 493.20	€ 595,95	¥ 5,459.45

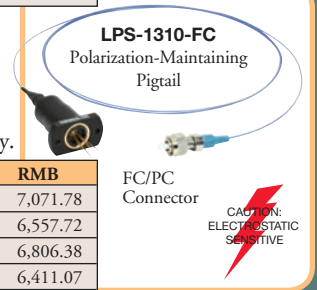
^aDue to the variation in pricing for these laser diodes, which changes frequently, please see www.thorlabs.com or call for current pricing.
^bThese diodes have a G pin code, which is not compatible with the LM9LP Mount.

Polarization-Maintaining, Fiber-Pigtailed Laser Diodes

Thorlabs' Polarization-Maintaining (PM) fiber-pigtailed laser diodes couple the light emitted from the diode into the slow axis of a polarization-maintaining fiber. They feature 1 m of FC/PC-terminated fiber, with the slow axis of the fiber aligned to the connector key.

ITEM #	λ (Typical)	P (Typical)	P (Max)	PIN CODE	ER*	FIBER	\$	£	€	RMB
LPS-PM635-FC	635 nm	2.5 mW	3.5 mW	A	>20 dB	PM630-HP	\$ 887.30	£ 638.86	€ 771,95	¥ 7,071.78
LPS-PM785-FC	785 nm	6.25 mW	7.5 mW	A	>20 dB	PM780-HP	\$ 822.80	£ 592.42	€ 715,84	¥ 6,557.72
LPS-PM830-FC	830 nm	10 mW	12 mW	C	>20 dB	PM780-HP	\$ 854.00	£ 614.88	€ 742,98	¥ 6,806.38
LPS-PM1310-FC	1310 nm	2.5 mW	3 mW	D	>23 dB	PM1300-HP	\$ 804.40	£ 579.17	€ 699,83	¥ 6,411.07
LPS-PM1550-FC	1550 nm	1.5 mW	1.8 mW	D	>23 dB	PM1550-HP	\$ 856.40	£ 616.61	€ 745,07	¥ 6,825.51

*Extinction Ratio



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Selection Guide: Pigtailed Laser Diodes in a Butterfly Package

ITEM #	λ(TYPICAL)	POWER	FIBER	PAGE
BF-915-0180	915 nm	18 mW (Typical)	PM	1260
BF-940-0200	940 nm	200 mW (Typical)	PM	1260
BF-979-0300	975 nm	300 mW (Typical)	PM	1260
PL980P330J	975 nm	330 mW (Min)	SM	1257
BF-1064-0180	1064 nm	180 mW (Typical)	PM	1260
FPL1053S	1300 nm	130 mW (Typical)	SM	1254
FPL1053P	1300 nm	130 mW (Typical)	PM	1254
SFL1310S	1310 nm	40 mW (Typical)	SM	1259
SFL1310P	1310 nm	40 mW (Typical)	PM	1259
SFL1550S	1550 nm	40 mW (Typical)	SM	1259
SFL1550P	1550 nm	40 mW (Typical)	PM	1259
FPL1009S	1550 nm	100 mW (Typical)	SM	1255

ITEM #	λ TYPICAL	POWER	FIBER	PAGE
FPL1009P	1550 nm	100 mW (Typical)	PM	1255
FPL1009SXL	1550 nm	100 mW (Min)	SM	1255
FPL1009PXL	1550 nm	100 mW (Min)	PM	1255
SFL1620S	1620 nm	40 mW (Typical)	SM	1259
SFL1620P	1620 nm	40 mW (Typical)	PM	1259
FPL1054S	1625 nm	80 mW (Typical)	SM	1255
FPL1054P	1625 nm	80 mW (Typical)	PM	1255
FPL1059S	1650 nm	80 mW (Typical)	SM	1255
FPL1059P	1650 nm	80 mW (Typical)	PM	1255
FPL1940S	1940 nm	15 mW (Typical)	SM	1256
FPL2000S	2000 nm	15 mW (Typical)	SM	1256