

1064nm-1850nm Laser Diodes

Part Number	Wavelength (nm)	Emitter Size (um)	Output Power (mW)	Output from Fiber (mW)	Min Fiber Size HHL & BTF (um)	Min Fiber Size 9mm SMA (um)	Operating Temp (°C)	Threshold Current (mA) Typ.	Operating Current (mA) Typ.	Operating Voltage (V) Typ.	Beam Divergence (FWHM) $\theta_{//}$ (°)	Beam Divergence (FWHM) θ_{\perp} (°)	Spectral Width (nm) FWHM	Polarization	Acceptable Packages
LDX-3105-1064	1064 ±10 nm	50	1,500	1200	100	200	25	170	1750	1.4	7	38	3.0	TE	1,4-16
LDX-3310-1064	1064 ±10 nm	100	3,000	2400	100	250	25	300	3700	1.4	7	38	3.0	TE	1,4-16
LDX-3515-1064	1064 ±10 nm	150	5,000	4000	200	300	25	250	7000	1.5	7	38	3.7	TE	1,4,9,10
LDX-3205-1120	1120 ±10 nm	50	2,000	1600	100	200	25	160	3200	1.9	7	28	4.3	TE	1,4-6,9,10,14,15
LDX-3310-1120	1120 ±10 nm	100	3,500	2800	100	250	20	250	5800	1.7	7	28	3.6	TE	1,4,9,10
LDX-3515-1120	1120 ±10 nm	150	5,000	4000	200	300	25	300	8500	2	7	28	5.5	TE	2,3
LDX-3105-1210	1210 ±10 nm	50	1,500	1200	100	200	25	350	5000	1.4	7	28	6.0	TE	1,4,9,10
LDX-3210-1210	1210 ±10 nm	100	2,000	1600	100	250	25	600	7100	1.4	7	28	6.2	TE	1,4,9,10
LDX-3310-1290	1290 ±20 nm	100	3,500	2800	100	250	25	350	5700	1.5	8	30	6.4	TE	1,4,9,10
LDX-3510-1290	1290 ±20 nm	100	5,000	4000	100	250	25	430	9920	1.6	8	30	7.7	TE	2
LDX-3718-1290	1290 ±20 nm	180	7,000	5600	200	300	25	880	13800	1.5	8	30	6.6	TE	2
LDX-3310-1370	1370 ±20 nm	100	3,500	2800	100	250	25	320	6700	1.6	8	30	7.5	TE	1,4,9,10
LDX-3510-1370	1370 ±20 nm	100	5,000	4000	100	250	25	450	10800	1.6	8	30	8.4	TE	2
LDX-3310-1470	1470 ±20 nm	100	3,500	2800	100	250	25	410	7500	1.7	8	30	10.4	TE	1
LDX-3510-1470	1470 ±20 nm	100	5,000	4000	100	250	25	530	10960	1.6	8	30	9.8	TE	2
LDX-3718-1470	1470 ±20 nm	180	7,000	5600	200	300	25	800	15000	1.5	8	30	9.8	TE	2,4-15
LDX-2803-1550	1550 ±20 nm	35	800	640	100	200	25	300	3000	1.3	8	30	8.0	TE	1,4-6,9,10,14,15
LDX-3105-1550	1550 ±20 nm	50	1,000	800	100	200	25	350	3700	1.3	8	30	8.0	TE	1,4-6,9,10,14,15
LDX-3205-1550	1550 ±20 nm	50	1,750	1400	100	200	25	380	4500	1.3	8	30	9.0	TE	
LDX-3110-1550	1550 ±20 nm	100	1,500	1200	100	250	25	500	3700	1.1	8	30	7.0	TE	1,4-7,9-12,14,15
LDX-3210-1550	1550 ±20 nm	100	2,500	2000	100	250	25	500	6000	1.2	8	30	8.0	TE	1,4-6,9,10,14,15
LDX-3310-1550	1550 ±20 nm	100	3,500	2800	100	250	25	500	9200	1.4	8	30	10.0	TE	2
LDX-3518-1550	1550 ±20 nm	180	5,000	4000	200	300	25	800	14000	1.5	8	30	9.0	TE	2
LDX-3115-1620	1620 ±20 nm	150	1,000	800	200	300	20	1000	6100	1.2	7	40	7.0	TE	1,4
LDX-3120-1640	1640 ±20 nm	200	1,200	960	200	350	20	1300	6800	1.2	7	40	8.0	TE	1,4,9,10
LDX-3210-1675	1675 ±20 nm	100	2,000	1600	100	250	20	1300	7200	1.2	7	40	8.0	TE	2,4-15
LDX-3110-1850	1850 ±30 nm	100	1,000	800	100	250	15	400	5200	1.3	6	40	8.0	TE	1,4,9,10

