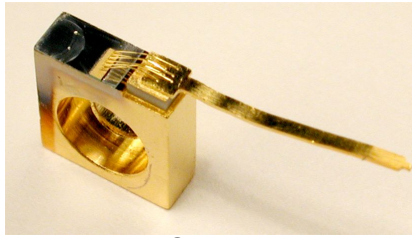
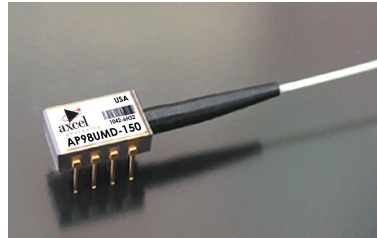


Laser Diode

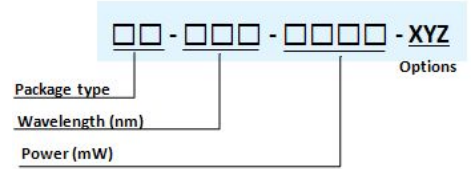
Single-mode laser diode



C-mount



8 pin Mini-DIL



Operating Power (P _o)	Part number	Parameter	Wavelength	Spectral width (FWHM)	Operating current	Operating voltage	Vertical far filed (FWHM)	Parallel far filed (FWHM)	Threshold current	Slope efficiency
		unit	nm	nm	mA	V	deg	deg	mA	W/A
50mW	C2-830-0050-S50 M5-830-0050-S50 M5-830-0050-S5D M5-830-0050-D5P M9-830-0050-S50 M9-830-0050-S5D M9-830-0050-D5P	Min	825	-	-	-	-	-	-	0.9
		Typ	830	0.5	70	1.9	18	8	20	1
		Max	845	2	100	2.2	23	10	40	-
80mW	C2-785-0080-S50 M5-785-0080-S50 M5-785-0080-S5D M9-785-0080-S50 M9-785-0080-S5D	Min	780	-	-	-	-	-	-	1
		Typ	785	0.5	105	2	25	8	30	1.1
		Max	790	2	130	2.8	30	10	50	-
100mW	C2-808-0100-S50 M9-808-0100-S50 M9-808-0100-S5D M9-808-0100-D5P	Min	803	-	-	-	13	-	-	0.9
		Typ	808	0.5	130	1.9	17	8	30	1
		Max	813	2	150	2.2	22	11	50	-
	C2-830-0100-S50 M5-830-0100-S50 M5-830-0100-S5D M5-830-0100-D5P M9-830-0100-S50 M9-830-0100-S5D M9-830-0100-D5P	Min	825	-	-	-	-	-	-	0.9
		Typ	830	0.5	120	1.9	18	8	20	1
		Max	835	2	170	2.2	23	10	40	-
	C2-852-0100-S50 M9-852-0100-S50 M9-852-0100-S5D M9-852-0100-D5P	Min	847	-	-	-	-	-	-	0.9
		Typ	852	0.5	120	1.9	28	8	20	1
		Max	857	2	170	2.2	30	10	40	-
	C2-905-0100-S50 M5-905-0100-S50 M5-905-0100-S5D M5-905-0100-D5P M9-905-0100-S50 M9-905-0100-S5D M9-905-0100-D5P	Min	900	-	-	-	-	-	-	0.8
		Typ	905	0.5	140	1.9	28	8	30	0.9
		Max	910	2	170	2.2	30	10	50	-
C2-940-0100-S50 M9-940-0100-S50 M9-940-0100-D5P M9-940-0100-S5D	Min	935	-	-	-	-	-	-	0.8	
	Typ	940	0.5	140	1.9	28	8	20	0.9	
	Max	945	2	180	2.2	32	10	40	-	
BF-830-0100-S50	Min	825	-	-	-	-	-	-	0.58	
	Typ	830	0.5	180	2.1	-	-	30	-	
	Max	835	2.0	200	2.5	-	-	50	-	
BF-A64-0100-P50	Min	1059	-	-	-	-	-	-	0.5	
	Typ	1064	0.5	250	2.1	-	-	50	0.6	
	Max	1069	2.0	300	2.5	-	-	100	-	
150mW	C2-785-0150-S50 M9-785-0150-S50 M9-785-0150-S5D	Min	780	-	-	-	-	-	-	1
		Typ	785	0.5	170	1.9	25	8	35	1.1
		Max	790	2	200	2.2	30	10	55	-
	C2-808-0150-S50 M9-808-0150-S50 M9-808-0150-S5D M9-808-0150-D5P	Min	803	-	-	-	13	-	-	0.9
		Typ	808	0.5	180	1.9	17	8	30	1
		Max	813	2	220	2.2	22	11	50	-
	C2-830-0150-S50 M5-830-0150-S50 M5-830-0150-S5D M5-830-0150-D5P M9-830-0150-S50 M9-830-0150-S5D M9-830-0150-D5P	Min	825	-	-	-	-	-	-	0.9
		Typ	830	0.5	170	1.9	18	8	20	1
		Max	835	2	220	2.2	23	10	40	-
	C2-852-0150-S50 M9-852-0150-S50 M9-852-0150-S5D M9-852-0150-D5P	Min	847	-	-	-	-	-	-	0.9
		Typ	852	0.5	120	1.9	18	8	20	1
		Max	857	2	170	2.2	23	10	40	-
180mW	BF-915-0180-P50	Min	Min	910	-	-	-	-	-	-
		Typ	Typ	915	0.5	340	2.1	-	-	30
		Max	Max	920	2	390	2.5	-	-	50
	BF-975-0180-P50	Min	Min	970	-	-	-	-	-	-
		Typ	Typ	975	0.5	380	2	-	-	30
		Max	Max	980	2	450	2.3	-	-	50

Laser Diode

Single-model laser diode

Package	X option (aperture size)	Y option (wavelength tolerance)	Z option (additional option)
C2 : Chip on 2.1mm submount C3 : Chip on 3.0mm submount M5 : 5.6mm TO-can M9 : 9mm TO-can MD : 8 pin Mini-DIL BH : 14 pin butterfly BF : 14 pin butterfly	D : single-mode (anode ground) S : single-mode (cathode ground) P : PM fiber	S : $\pm 5\text{nm}$ P : $\pm 1\text{nm}$	0 : none A : FC connector D : w/photodiode (anode ground) P : w/photodiode (cathode ground)

Operating Power (P ₀)	Part number	Parameter	Wavelength	Spectral width (FWHM)	Operating current	Operating voltage	Vertical far filed (FWHM)	Parallel far filed (FWHM)	Threshold current	Slope efficiency	
		unit	nm	nm	mA	V	deg	deg	mA	W/A	
180mW	BF-A64-0180-P50	Min	1059	-	-	-	-	-	-	0.5	
		Typ	1064	180	384	2.1	-	-	50	0.6	
		Max	1069	-	484	2.5	-	-	100	-	
200mW	C2-915-0200-S50 M9-915-0200-S50 M9-915-0200-S5D M9-915-0200-D5P	Min	910	-	-	-	-	-	-	0.8	
		Typ	915	0.5	260	1.9	28	8	30	0.9	
		Max	920	2	300	2.2	30	10	50	-	
	C2-940-0200-S50 M9-940-0200-S50 M9-940-0200-D5P M9-940-0200-S5D	Min	935	-	-	-	-	-	-	-	0.8
		Typ	940	0.5	270	1.9	28	8	20	0.9	
		Max	945	2	320	2.2	32	10	40	-	
	BF-940-0200-P50	Min	935	-	-	-	-	-	-	-	0.6
		Typ	940	0.5	350	2	-	-	30	0.7	
		Max	945	2	420	2.3	-	-	50	-	
	BF-A64-0200-P50	Min	1059	-	-	-	-	-	-	-	0.5
		Typ	1064	0.5	450	2.1	-	-	50	0.6	
		Max	1069	2	500	2.5	-	-	100	-	
C2-A64-0200-S50 M9-A64-0200-S50 M9-A64-0200-S5D M9-A64-0200-D5P	Min	1059	-	-	-	-	-	-	-	0.8	
	Typ	1064	0.5	280	1.7	28	8	50	0.9		
	Max	1069	2	350	2	30	10	100	-		
220mW	BF-975-0220-P50	Min	970	-	-	-	-	-	-	0.6	
		Typ	975	0.5	380	2	-	-	30	0.71	
		Max	980	2	450	2.3	-	-	50	-	
250mW	C2-980-0250-S50 M9-980-0250-S50 M9-980-0250-S5D M9-980-0250-D5P	Min	975	-	-	-	-	-	-	0.8	
		Typ	980	0.5	300	1.7	28	8	30	0.9	
		Max	985	2	340	2	30	10	50	-	
	BH-975-0250-P50	Min	970	-	-	-	-	-	-	-	0.6
		Typ	975	0.5	380	2	-	-	30	0.71	
		Max	980	2	450	2.3	-	-	50	-	
300mW	C2-915-0300-S50 M9-915-0300-S50 M9-915-0300-S5D M9-915-0300-D5P	Min	910	-	-	-	-	-	-	0.8	
		Typ	915	0.5	370	1.9	28	8	30	0.9	
		Max	920	2	420	2.2	30	10	50	-	
	C2-940-0300-S50 M9-940-0300-S50 M9-940-0300-D5P	Min	935	-	-	-	-	-	-	-	0.8
		Typ	940	0.5	400	1.9	28	8	20	0.9	
		Max	945	2	450	2.2	32	10	40	-	
	C2-980-0300-S50 M9-980-0300-S50 M9-980-0300-S5D M9-980-0300-D5P	Min	975	-	-	-	-	-	-	-	0.8
		Typ	980	0.5	370	1.8	28	8	30	0.9	
		Max	985	2	420	2	30	10	50	-	
	BH-975-0300-P50	Min	970	-	-	-	-	-	-	-	0.6
		Typ	975	0.5	490	2	-	-	30	0.71	
		Max	980	2	580	2.3	-	-	50	-	
C2-A64-0300-S50 M9-A64-0300-S50 M9-A64-0300-S5D M9-A64-0300-D5P	Min	1059	-	-	-	-	-	-	-	0.8	
	Typ	1064	0.5	390	1.7	28	8	50	0.9		
	Max	1069	2	480	2	30	10	100	-		
350mW	C2-980-0350-S50 M9-980-0350-S50 M9-980-0350-S5D M-980-0350-D5P	Min	975	-	-	-	-	-	-	0.8	
		Typ	980	0.5	400	1.7	28	8	30	0.9	
		Max	985	2	450	2.0	30	10	50	-	
	C2-A64-0350-S50 M9-A64-0350-S50 M9-A64-0350-S5D M9-A64-0350-D5P	Min	1059	-	-	-	-	-	-	-	0.8
		Typ	1064	0.5	450	1.7	28	8	50	0.9	
		Max	1069	2	550	2	30	10	100	-	
500mW	C3-980-0500-S50	Min	975	-	-	-	-	-	-	0.65	
		Typ	980	0.5	700	1.7	28	8	30	0.8	
		Max	985	0.2	850	2.0	30	10	50	-	