

Photodigm 

PRODUCT CATALOG

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SEMICONDUCTORS THAT SHINE

WE DESIGN, TEST, AND MANUFACTURE DBR LASER DIODES 730-1090 nm

Photodigm is the only commercial manufacturer of Distributed Bragg Reflector (DBR) laser diodes in the world and our technology IP is protected with 30+ patents and 20+ years of expertly tuning our manufacturing processes. All lasers are designed, tested, and manufactured at Photodigm Headquarters in Richardson, Texas in our on-site fabrication facility.

Our Distributed Bragg Reflector (DBR) Laser Diode is...

PRECISE | Deterministic Single-Frequency Wavelengths 730–1090 nm

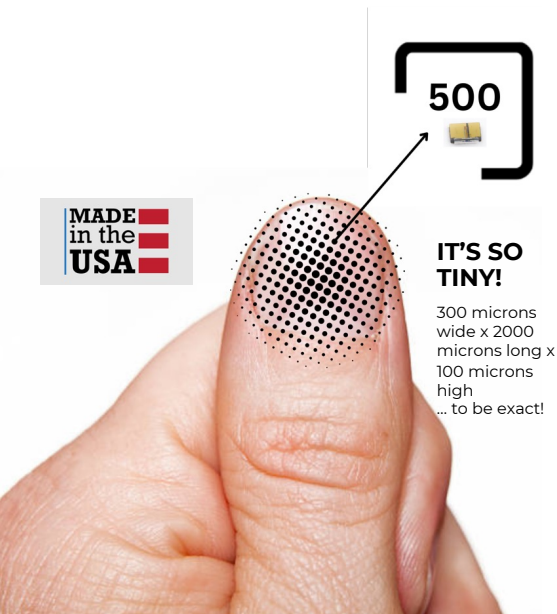
RELIABLE | Monolithic Semiconductor Design

PORTABLE | 500 lasers will fit on an average person's thumbnail

ACCURATE | Wavelength Stability, Mode Hop Free tuning range

SCALABLE | Cost elasticity for OEM solutions

SPECIFIC | Stimulates K, Rb, Ca, Cs, Ca+, and He* Chemical Elements



WE ENABLE A PRECISE WORLD

APPLICATIONS CRITICAL TO OUR EVERYDAY LIVES



SELECT A DBR IN 4 STEPS

01

WAVELENGTH

730 – 1090 nm

02

CHIP ARCHITECTURE

High Power, Low Power,
or High Operating Temp (HOT)

03

MOUNTING ADD-ONS

Mode Hop Free, Virtual
Point Source (VPS) Lens, or
Direct Edge Couple (DEC)

04

PACKAGING ADD-ONS

9MM, C-Mount, TO-8, TOSA,
IsoBragg, Butterfly, or
Butterfly-ISO



ALL WAVELENGTHS

λ_vac (nm)	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
				Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ²	TOSA	Butterfly ¹	Butterfly-ISO ¹	ISO-Bragg ¹
730	High	40 - 80	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
737	High	40 - 80	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
739	High	40 - 80	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
760	High	40 - 60	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
766.700 (K)	High	40 - 80	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
770.108 (K)	High	40 - 100	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
776.061 (Rb)	High	40 - 120	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
778.105 (Rb)	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
780.241 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
785	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
794.978 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
800	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
808	High	80 - 180	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
810	High	80 - 180	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
816	High	80 - 180	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
823	High	80 - 180	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
828	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
830	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
845.584 (Ca)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
852.347 (Cs)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1800
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
854.209 (Ca+)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
866.214 (Ca+)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
894.592 (Cs)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	-
	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
920	High	80 - 240	RFQ	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
935	High	80 - 240	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
976	Low	40 - 200	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
	High	80 - 350	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1036	Low	40 - 180	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1039	Low	40 - 180	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1064	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
	High	100 - 350	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1080	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1083.33 (He)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
	High	100 - 350	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1090	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
Accessory	TO-8 Mount		\$525									
Accessory	TOSA Mount		\$525									

¹Fiber pigtailed packages (Butterfly, Butterfly-ISO, ISO-Bragg) output power depends on configuration and wavelength. See product bulletin for additional details.

²Hermetic sealing is standard on 9MM, TOSA, and Butterfly packages. The TO-8 package can be hermetically sealed for an additional \$100 fee per unit.

SPECTROSCOPY CERTIFIED

Whether you need to hit the transition lines of K, Rb, Ca, Cs, Ca+, or He* — our Photodigm Spectroscopy Certified wavelengths are guaranteed to be tunable to the relevant spectroscopy lines at a laser temperature of 25 °C ± 10 °C (± 20 °C in hermetically sealed packages). Spectroscopy Certified wavelengths are unmatched precision designed specifically for atomic clocks and guaranteed to hit the specific atomic transition you need.



λ_{vac} (nm)	λ_{air} (nm) ¹	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
					Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ³	TOSA	Butterfly ²	Butterfly-ISO ²	ISO-Bragg ²
766.700 (K)	766.487	High	40 - 80	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
770.108 (K)	769.894	High	40 - 100	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
776.061 (Rb)	775.847	High	40 - 120	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
778.105 (Rb)	777.889	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
780.241 (Rb)	780.025	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
		Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
		High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
794.978 (Rb)	794.757	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
		Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
		High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
845.584 (Ca)	845.351	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
852.347 (Cs)	852.111	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1800
		Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
		High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
854.209 (Ca+)	853.972	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
866.214 (Ca+)	865.975	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
894.592 (Cs)	894.344	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	-
		High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1083.33 (He)	1083.034	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
		High	100 - 350	\$3750	+ \$700	-	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-

¹Photodigm datasheets specify wavelengths as measured in air, NOT in vacuum. This reflects standard laboratory conditions and accounts for the refractive index of air.

²Fiber pigtailed packages (Butterfly, Butterfly-ISO, ISO-Bragg) output power depends on configuration and wavelength. See product bulletin for additional details.

³Hermetic sealing is standard on 9MM, TOSA, and Butterfly packages. The TO-8 package can be hermetically sealed for an additional \$100 fee per unit.

HIGH POWER DBR LASER DIODES

Our Photodigm High Power Laser Diodes are designed with a longer gain section and a tapered structure to deliver a high output power that ranges up to 350mW in some wavelengths.

λ_{vac} (nm)	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
				Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ²	TOSA	Butterfly ¹	Butterfly-ISO ¹	ISO-Bragg ¹
730	High	40 - 80	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
737	High	40 - 80	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
739	High	40 - 80	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
760	High	40 - 60	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
766.700 (K)	High	40 - 80	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
770.108 (K)	High	40 - 100	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
776.061 (Rb)	High	40 - 120	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
778.105 (Rb)	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
780.241 (Rb)	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
785	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
794.978 (Rb)	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1500
800	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
808	High	80 - 180	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
810	High	80 - 180	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
816	High	80 - 180	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
823	High	80 - 180	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
828	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
830	High	80 - 180	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
845.584 (Ca)	High	80 - 240	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1800
852.347 (Cs)	High	80 - 240	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1800
854.209 (Ca+)	High	80 - 240	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$1800
866.214 (Ca+)	High	80 - 240	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
894.592 (Cs)	High	80 - 240	\$3750	+\$700	+\$700	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
920	High	80 - 240	RFQ	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
935	High	80 - 240	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
976	High	80 - 350	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-
1064	High	100 - 350	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	+\$2400
1083.33 (He)	High	100 - 350	\$3750	+\$700	-	-	+\$100	+\$500	+\$500	+\$2500	+\$3000	-

¹Fiber pigtailed packages (Butterfly, Butterfly-ISO, ISO-Bragg) output power depends on configuration and wavelength. See product bulletin for additional details.

²Hermetic sealing is standard on 9MM, TOSA, and Butterfly packages. The TO-8 package can be hermetically sealed for an additional \$100 fee per unit.

LOW POWER DBR LASER DIODES

Our Photodigm Low Power DBR laser diodes are designed to deliver low output powers in small packages while remaining tunable.

λ_{vac} (nm)	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
				Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ²	TOSA	Butterfly ¹	Butterfly-ISO ¹	ISO-Bragg ¹
780.241 (Rb)	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
785	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
794.978 (Rb)	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
852.347 (Cs)	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
894.592 (Cs)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	-
976	Low	40 - 200	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1036	Low	40 - 180	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1039	Low	40 - 180	\$2750	+ \$700	-	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1064	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1080	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1083.33 (He)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1090	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-

HOT DBR LASER DIODES

Our Photodigm High Operating Temperature (HOT) DBR laser diodes continue to deliver optimal performance at 65°C ± 10°C at key Alkali-atom wavelengths for quantum sensing applications.

λ_{vac} (nm)	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
				Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ²	TOSA	Butterfly ¹	Butterfly-ISO ¹	ISO-Bragg ¹
780.241 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
794.978 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
852.347 (Cs)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1800

¹Fiber pigtailed packages (Butterfly, Butterfly-ISO, ISO-Bragg) output power depends on configuration and wavelength. See product bulletin for additional details.

²Hermetic sealing is standard on 9MM, TOSA, and Butterfly packages. The TO-8 package can be hermetically sealed for an additional \$100 fee per unit.

VIRTUAL POINT SOURCE (VPS) LENS

Photodigm's virtual point source (VPS) microlens provides an integrated laser diode optics solution to decrease astigmatism and improve the circularity of the DBR laser diode's single-mode spatial output beam.

- High efficiency in capturing the fast-axis divergence (θ_{\perp}) (>98%)
- Focus the beam to near-diffraction limited performance for applications including fiber-coupling with an external single aspheric lens
- Ideal collimation and coupling of light to external optics
- Achieve circularity of 1.0-1.2 (slow-axis (θ_{\parallel})/fast-axis (θ_{\perp}) diameter ratio)

λ_{vac} (nm)	Chip Architecture / Power Level	CW Power Range (mW)	Chip on Submount List Price	MOUNTING ADD-ONS		PACKAGING ADD-ONS						
				Mode Hop Free	Virtual Point Source (VPS) Lens	9MM	C-Mount	TO-8 ²	TOSA	Butterfly ¹	Butterfly-ISO ¹	ISO-Bragg ¹
760	High	40 - 60	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
766.700 (K)	High	40 - 80	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
770.108 (K)	High	40 - 100	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
776.061 (Rb)	High	40 - 120	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
778.105 (Rb)	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
780.241 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
785	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
794.978 (Rb)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1500
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1500
800	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
828	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
830	High	80 - 180	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
845.584 (Ca)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
852.347 (Cs)	HOT	10 - 30	\$4250	-	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	+ \$1800
	Low	40 - 80	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
854.209 (Ca+)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$1800
866.214 (Ca+)	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
894.592 (Cs)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	-	-
	High	80 - 240	\$3750	+ \$700	+ \$700	-	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1064	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1080	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	+ \$2400
1083.33 (He)	Low	40 - 120	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-
1090	Low	40 - 180	\$2750	+ \$700	+ \$700	+ \$150	+ \$100	+ \$500	+ \$500	+ \$2500	+ \$3000	-

¹Fiber pigtailed packages (Butterfly, Butterfly-ISO, ISO-Bragg) output power depends on configuration and wavelength. See product bulletin for additional details.

²Hermetic sealing is standard on 9MM, TOSA, and Butterfly packages. The TO-8 package can be hermetically sealed for an additional \$100 fee per unit.

AVAILABLE PACKAGES

Packaging options for Distributed Bragg Reflector (DBR) laser diodes.

→ TOSA



- ↳ 5.2mm (height) x 5.8mm (width) x 10.0mm (length)
- ↳ Included: Thermistor (TEC), hermetically sealed
- ↳ Add-Ons: Mode-Hop-Free, VPS lens

→ TO8



- ↳ 18.9mm (height) x 15.3mm (width) x 15.3mm (length)
- ↳ Included: Thermistor (TEC), photodiode
- ↳ Add-Ons: Mode-Hop-Free, VPS lens, hermetic sealing

→ 9MM



- ↳ 11.2mm (height) x 9.0mm (width) x 9.0mm (length)
- ↳ Included: photodiode, hermetically sealed

→ C-Mount



- ↳ 7.7mm (height) x 2.2mm (width) x 12.6mm (length)
- ↳ Add-Ons: Mode-Hop-Free, VPS lens

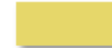
→ Butterfly



- ↳ 7.8mm (height) x 12.7mm (width) x 30.0mm (length)
- ↳ Included: Thermistor (TEC), photodiode, hermetically sealed
- ↳ Add-Ons: Mode-Hop-Free, Internal Isolator

→ Iso-Bragg

1064nm



- ↳ 20.0mm (height) x 27.0mm (width) x 84.4mm (length)
- ↳ Included: Thermistor (TEC), internal isolator
- ↳ Add-Ons: Mode-Hop-Free, Additional Isolator

770-795nm



- ↳ 29.0mm (height) x 40.0mm (width) x 58.0mm (length)
- ↳ Included: Thermistor (TEC), internal isolator
- ↳ Add-Ons: Mode-Hop-Free, Additional Isolator

840-860nm



- ↳ 29.4mm (height) x 40.0mm (width) x 84.4mm (length)
- ↳ Included: Thermistor (TEC), internal isolator
- ↳ Add-Ons: Mode-Hop-Free



CONTACT US

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