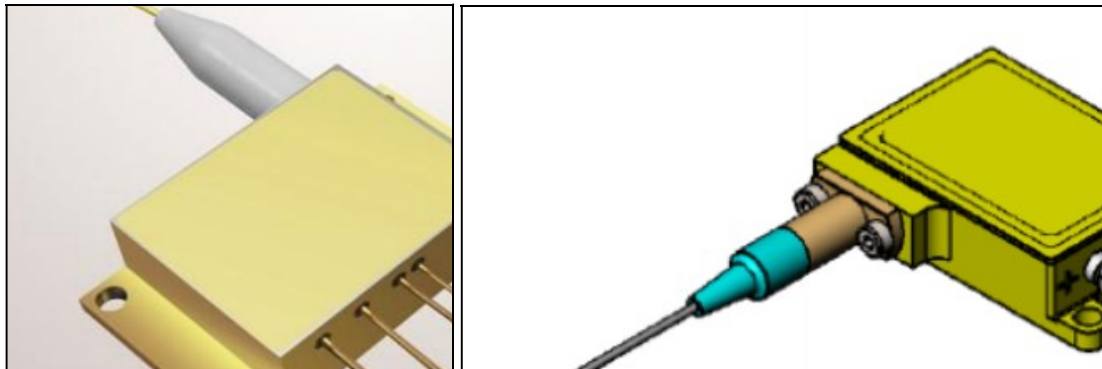


Fiber-coupled Diode Lasers with Small Core Diameter



Features:

- High power as high as 30W at fiber core diameter 50um
- Small fiber core diameter as small as 50um at 30W
- Custom made available according to your specific requirements

Applications:

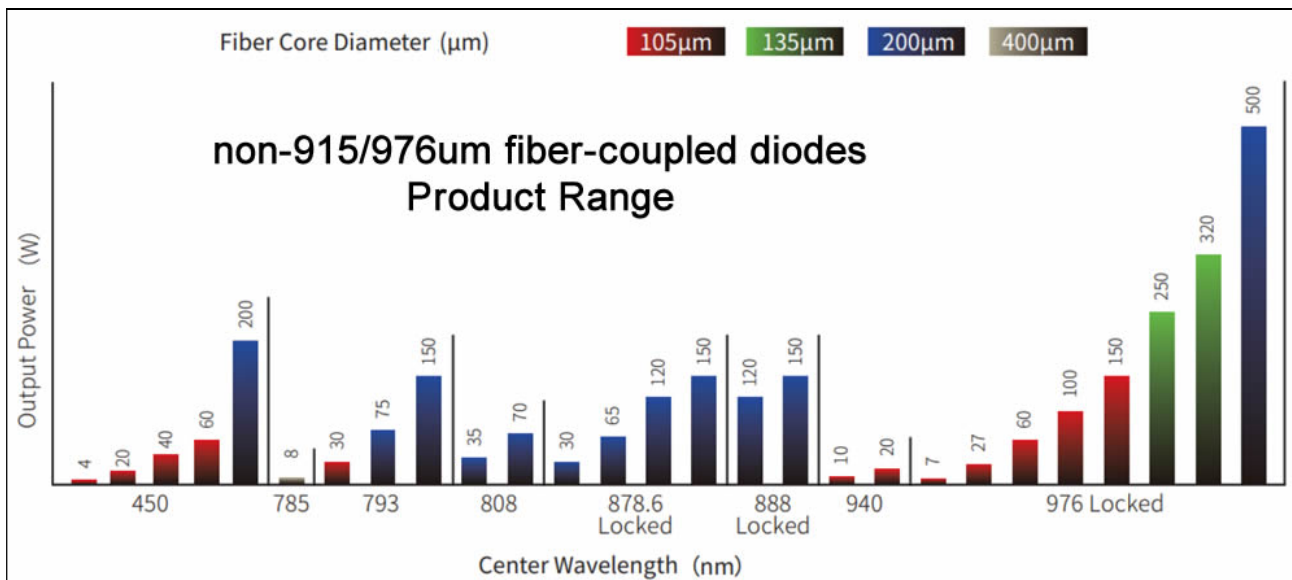
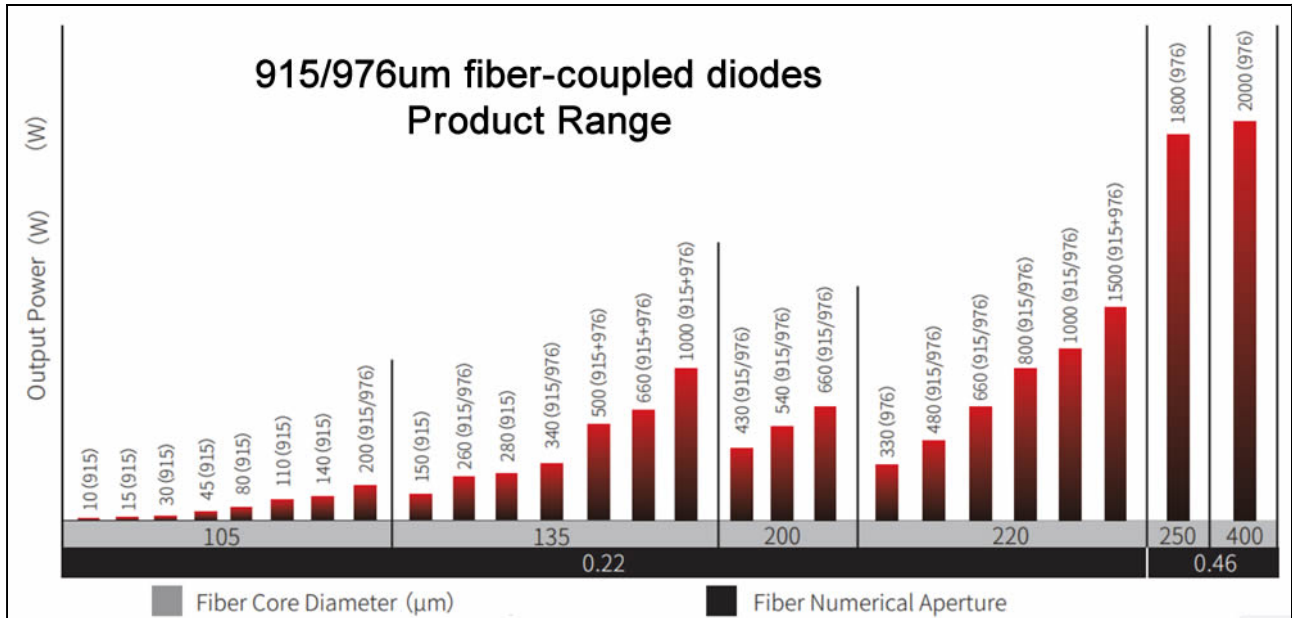
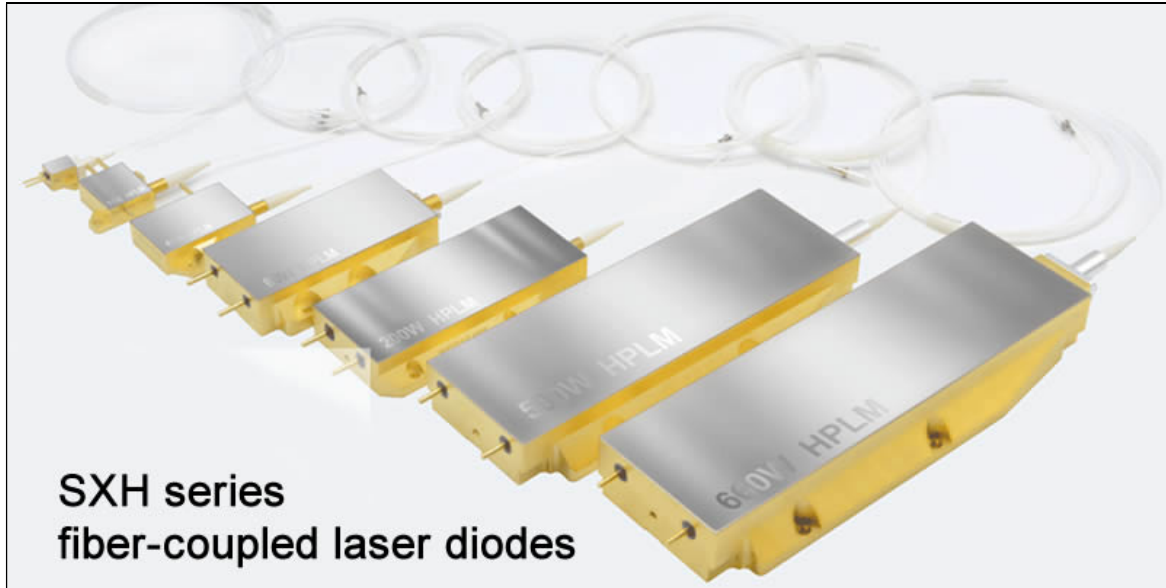
- Diode pumping
- Scientific research

We are specialized in small core fiber coupled laser diodes with the ranges of wavelength 792nm, 808nm, 880nm, 885nm, 915nm, 940nm, 976nm and 1064nm, laser power 2 to 30W, fiber core diameter 50um and 105um. Please contact us for more information.

List of Some typical Fiber-coupled Diodes with Fiber Core Diameter of 50um and 105um.

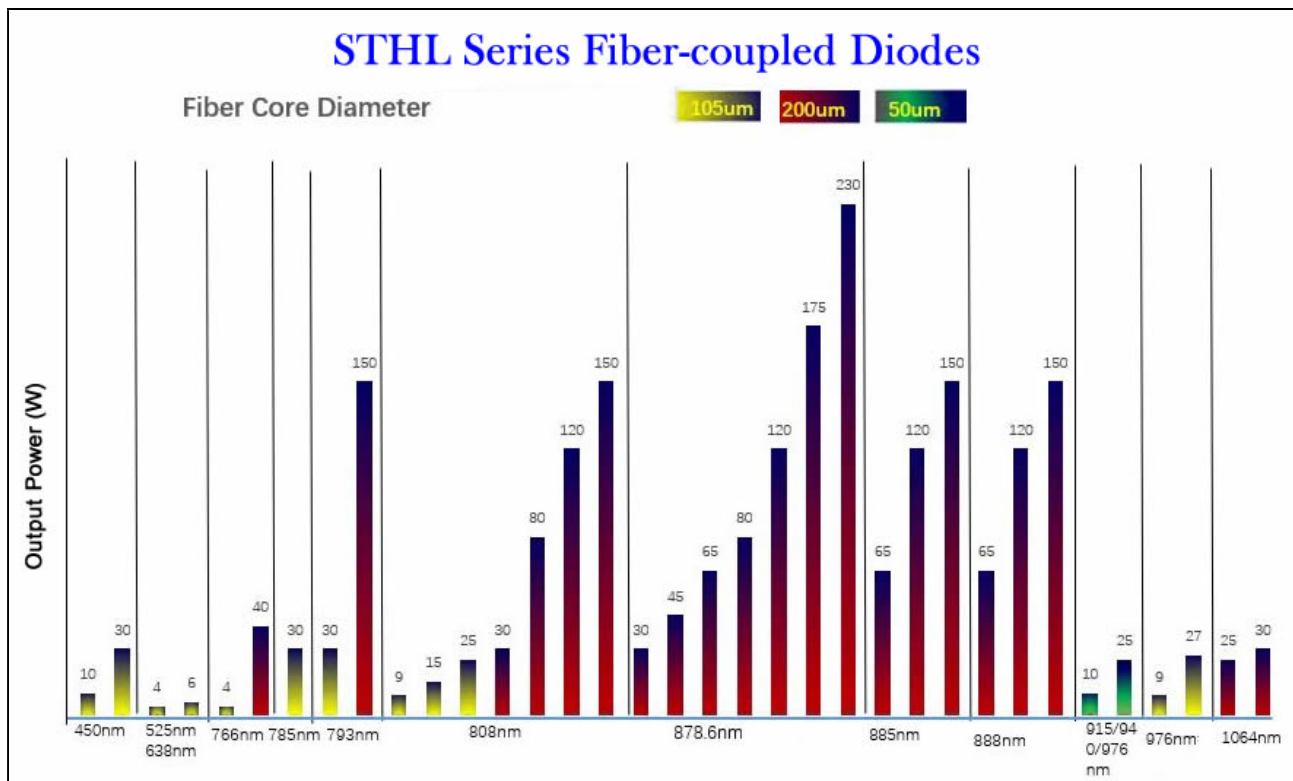
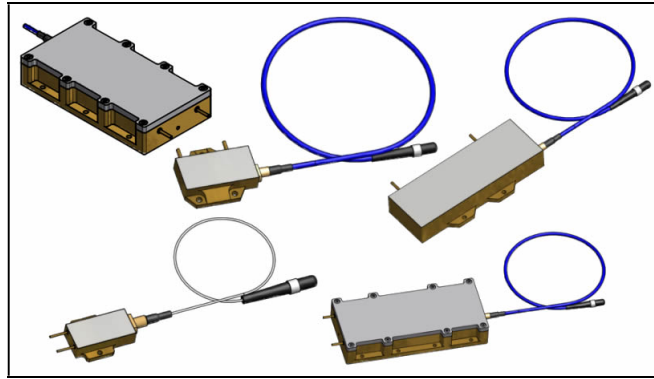
Part number	Wavelength (nm)	Laser power (W)	Fiber core diameter (um)
STHL-808-8-105	808	8	105
STHL-808-15-105	808	15	105
STHL-915-15-50	915	10	50
STHL-915-20-50	915	20	50
STHL-915-20-105	915	20	105
STHL-915-25-50	915	25	50
STHL-940-10-50	940	10	50
STHL-940-20-50	940	20	50
STHL-940-2-105	940	20	105
STHL-940-25-50	940	25	50
STHL-976-10-50	976	10	50
STHL-976-20-50	976	20	50
STHL-976-20-105	976	20	105
STHL-976-25-50	976	25	50
STCX-FCP-30-50-976-10	976	30	50
STK980F02RN-10.00W	980	10	50
STK980FAHRN-20.00W	980	20	50

SXH Series Fiber-coupled Laser Diodes



P/N	Ctr. Wavelength nm	Laser Power W	Wavelength Tolerance +/-nm	Spectral Width FWHM nm	Fiber core um	Fiber NA
SXH-915-15-105	915	15	15		105	0.22
SXH-915-30-105	915	30	15		105	0.22
SXH-915-45-105	915	45	15		105	0.22
SXH-915-80-105	915	80	15		105	0.22
SXH-915-110-105	915	110	15		105	0.22
SXH-915-140-105	915	140	15		105	0.22
SXH-915-150-135	915	150	15		135	0.22
SXH-915-200-105	915	200	15		105	0.22
SXH-915-280-135	915	280	15		135	0.22
SXH-915-340-135	915	340	15		135	0.22
SXH-915-430-200	915	430	15		200	0.22
SXH-915-500-220	915	500		6	220	0.22
SXH-915-540-200	915	540	8		200	0.22
SXH-915-660-200	915	660	15		200	0.22
SXH-915-660-220	915	660		6	220	0.22
SXH-915-800-220	915	800	15	6	220	0.22
SXH-915-1000-220	915	1000		8	220	0.22
SXH-975-330-220	975	330	3	6	220	0.22
SXH-975-500-220	975	500		6	220	0.22
SXH-975-660-220	975	660		6	220	0.22
SXH-975-800-220	975	800		6	220	0.22
SXH-976-200-105	976	200	3		105	0.22
SXH-976-260-135	976	260	3		135	0.22
SXH-976-340-135	976	340	3		135	0.22
SXH-976-420-135	976	420	3		135	0.22
SXH-976-430-200	976	430	3		200	0.22
SXH-976-540-200	976	540	3		200	0.22
SXH-976-660-200	976	660	3		200	0.22
SXH-976-1000-220	976	1000		6	220	0.22
SXH-976-2000-250	976	2000		6	250	0.22
SXH-976-2000-400	976	2000		6	400	0.46
SXH-976-3000-400	976	3000		6	400	0.46
SXH-977-330-220	977	330	3	6	220	0.22
SXH-977-500-220	977	500		6	220	0.22
SXH-977-660-220	977	660		6	220	0.22

STHL Series Fiber-coupled Laser Diodes



List of STHL Series Fiber-coupled Laser Diodes

Part number	Wavelength nm	$\Delta\lambda$ nm	Band width	Wavelength Stabilized	Power W	Fiber core (um) /NA	Application
STHL-450-3-105	450	± 5	6	No	3	105/0.22	Illumination
STHL-450-20-105	450	± 5	6	No	20	105/0.22	Illumination
STHL-525-4-105	525	± 5	6	No	4	105/0.22	Illumination
STHL-525-7-105	525	± 5	6	No	7	105/0.22	Illumination
STHL-638-4-105	638	± 5	6	No	4	105/0.22	Illumination
STHL-792-20-105	792	± 3	4	No	20	105/0.22	Tm:Fiber
STHL-792-30-105	792	± 3	4	No	30	105/0.22	Tm:Fiber
STHL-792-80-105	792	± 3	4	No	80	200/0.22	Tm:Fiber
STHL-792-120-105	792	± 3	4	No	120	200/0.22	Tm:Fiber
STHL-792-150-105	792	± 3	4	No	150	200/0.22	Tm:Fiber
STHL-808-15-105	808	± 3	4	No	15	105/0.22	Nd:YVO4
STHL-808-25-105	808	± 3	4	No	25	105/0.22	Nd:YVO4
STHL-808-30-105	808	± 3	4	No	30	200/0.22	Nd:YVO4
STHL-808-80-105	808	± 3	4	No	80	200/0.22	Nd:YVO4
STHL-808-120-105	808	± 3	4	No	120	200/0.22	Nd:YVO4
STHL-808-150-105	808	± 3	4	No	150	200/0.22	Nd:YVO4
STHL-878.6/885/888-25-200	878.6/885/888	± 1	0.5	Yes	25	200/0.22	Nd:YVO4
STHL-878.6/885/888-30-200	878.6/885/888	± 1	0.5	Yes	30	200/0.22	Nd:YVO4

STHL-878.6/885/888-65-200	878.6/885/888	±1	0.5	Yes	65	200/0.22	Nd:YVO4
STHL-878.6/885/888-80-200	878.6/885/888	±1	0.5	Yes	80	200/0.22	Nd:YVO4
STHL-878.6/885/888-120-200	878.6/885/888	±1	0.5	Yes	120	200/0.22	Nd:YVO4
STHL-878.6/885/888-150-200	878.6/885/888	±1	0.5	Yes	150	200/0.22	Nd:YVO4
STHL-878.6/885/888-175-200	878.6/885/888	±1	0.5	Yes	175	200/0.22	Nd:YVO4
STHL-878.6/885/888-260-200	878.6/885/888	±1	0.5	Yes	260	200/0.22	Nd:YVO4
STHL-915-20-50	915	±10	4	No	20	50/0.22	Yb:Fiber
STHL-940-20-50	940	±5	4	No	20	50/0.22	Yb:YAG
STHL-940-30-105	940	±5	4	No	30	105/0.22	Yb:YAG
STHL-940-80-105	940	±5	4	No	80	105/0.22	Yb:YAG
STHL-976-20-50	976	±10	4	No	20	50/0.22	Yb:Fiber
STHL-976-20-105	976	±0.5	1	Yes	20	105/0.22	Yb:Fiber
STHL-976-30-105	976	±0.5	1	Yes	30	105/0.22	Yb:Fiber
STHL-976-80-105	976	±0.5	1	Yes	80	105/0.22	Yb:Fiber
STHL-981-20-105	981	±0.5	1	Yes	20	105/0.22	Yb:Fiber
STHL-981-30-105	981	±0.5	1	Yes	30	105/0.22	Yb:Fiber
STHL-981-80-105	981	±0.5	1	Yes	80	105/0.22	Yb:Fiber
STHL-450/638/980-3/0.2/10-200	450/638/980	±5	6	No	3/0.2/10	200/0.22	Medical
STHL-808/980/1064/638-10/10/10/0.5-200-0.22	808/980/1064/638	±5	6	No	10/10/10/0.5	200/0.22	Medical
STHL-808/915/1064/638-20/20/20/0.5-200-0.22	808/915/1064/638	±5	6	No	20/20/20/0.5	200/0.22	Medical
STHL-808/980/638-15/15/0.5-200-0.22	808/980/638	±5	6	No	15/15/0.5	200/0.22	Medical
STHL-980/638-30/0.002-200-0.22	980/638	±10	6	No	30/0.002	200/0.22	Medical

Compact Power Stabilized Single-mode Fiber-coupled Laser Diodes (Blue, Green, Red & IR)



Key Performance Features

- Ultra-Stable Power Output
- Compact Single Box Design
- Low Power Consumption
- Several Wavelengths Available
- Free-space or Fibered Outputs

Applications

- Raman Excitation Source
- Flow Cytometry
- Semiconductor Processing
- Real-time Process Control
- Metrology



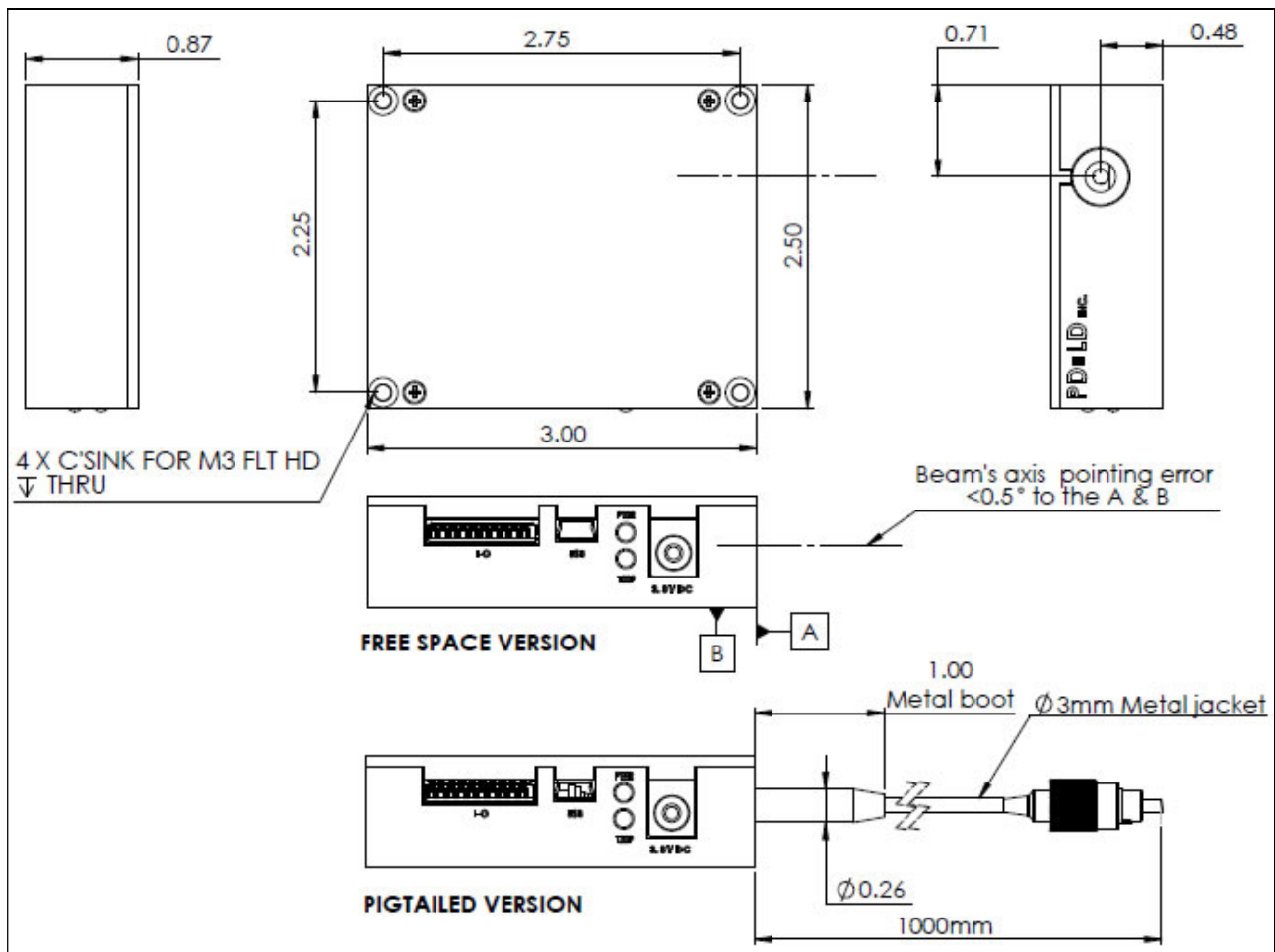
STU Series Power Stabilized
Single-mode Blue &
Green Laser Diodes

	Unit	405nm	405nm	488nm	515nm	520nm	633nm	637nm	660nm	885nm
Operation Specifications										
Free-Space Output Power	mW	10	150	50	25	45	90	6	110	110
Fibered Output Power*	mW	-	-	-	8	15	35	3	45	45
Spectral linewidth (typical)	nm	1-2					1-2			
Wavelength stability (over 8 hours)	nm	±1					±1			
Optical power stability (over 8 hours)**	% pk-pk	<0.4					<2			
Noise (10Hz-100MHz)	% rms	0.2					0.2			
Adjustable Output Power	%	10-90					5-100			
Free Space Optical Specifications										
Beam quality (m ² typical) vertical		1.2					1.2			
Beam quality (m ² typical) horizontal		1.1					1.1			
Beam size vertical	mm	1.2	1.2	1.8	1.8	1.8	1.2	2.4	1.2	1.2
Beam size horizontal	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6
Beam aspect ratio		2	2	3	3	3	2	4	1.5	2
Beam divergence—vertical	mrad	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.8	0.8
Beam divergence—horizontal	mrad	1.3	1.3	1.3	1.3	1.3	1.3			
Beam pointing stability (over 8 hours)	μrad	<50					<50			
Beam pointing accuracy	degrees	1					1			
Polarization ratio	linear	100:1					100:1			
Electrical Specifications										
DC input (max)		0.5A@9V					2.1A @ 3.3V			
DC input 2		2A@3.3V					-			
Warm-up time (typical)	sec	10					10			
Power consumption (typical/max)	W	<12					<7			
Interface & connector		USB & 10-pin I/O connectors					USB & 10-pin I/O connectors			

Environmental Specifications			
Weight	gram	134	134
Size	cm ³	86	86
Case temperature	°C	10-40	10-40
Humidity (non-condensing)	%	5-95	5-95

Ordering Information: Part Number System: STU-PLM-XXX.X-YYY, where XXX.X is the specific wavelength, YYY is Fiber Type or Free-space.

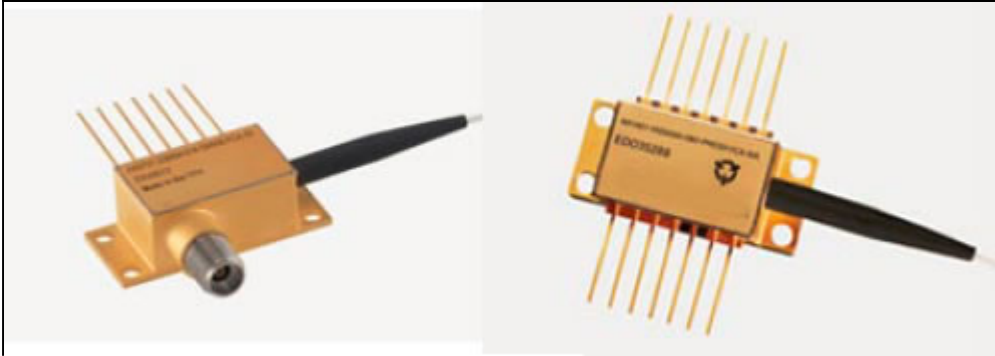
Part Number	Fiber Type	Wavelengths Available
STU-PLM-XXX.X-SMF	3.5µm MFD	514 and 520 nm
STU-PLM-XXX.X-PMF	3.5µm MFD PANDA	514 and 520 nm
STU-PLM-XXX.X-SMF	4.3µm MFD	633, 637 and 660 nm
STU-PLM-XXX.X-SMF	5.3µm MFD	785 nm
STU-PLM-XXX.X-PMF	4.3µm MFD PANDA	633, 637 and 660 nm
STU-PLM-XXX.X-PMF	5.3µm MFD PANDA	785 nm
STU-PLM-XXX.X-MMF	50, 62.5 and 105µm MMF	All
STU-PLM-XXX.X-FS	(Free-space)	All



STG Series DFB Lasers & Modules

1. STG Series DFB Lasers

Distributed feedback (DFB) lasers provide tunable wavelength output with extremely narrow spectral width and long coherence length. Integrated modules offer further narrowing of the spectral line in a compact OEM package with a simple tuning interface.



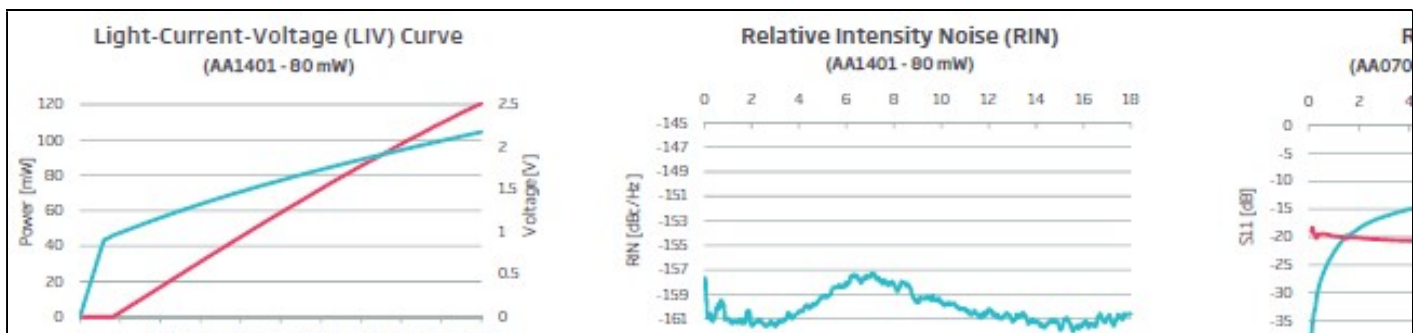
DFB lasers feature a grating on the chip level structure to generate feedback into the cavity which ultimately enables stable, smooth, and precise wavelength tuning via temperature control of the chip. Additional feedback or external locking methods can ensure extremely stable wavelength control through many years or decades of use.

Our DFB lasers serve a wide range of industrial, defense, medical, and scientific applications, with performance-enhancing design features that include:

- Integrated thermoelectric coolers (TECs) to reduce current consumption and extend operating temperature range
- Precision thermistors for accurate feedback and control of chip temperature
- Internal isolators to protect against back reflections and to reduce noise perturbations into the laser
- DFB Lasers in 14-pin or 7-pin package

DFB lasers provide precise single-frequency and single-spatial-mode performance with smooth tuning capability via temperature or current (chirp) tuning. We offer a range of products with high power and high bandwidth options in a rugged, single-emitter, fiber coupled 14-pin or 7-pin butterfly package. Our high power series offers options up to 100 mW with >2.5 GHz direct modulation speeds, while our high bandwidth series offers up to 18 mW with >12 GHz direct modulation speeds. In addition to the variety of standard wavelength options in the 1-1.62 μm region, additional custom options are available upon request.

Applications cover distributed temperature sensing (DTS), fiber optic telecommunications, gas sensing, interferometry, laser Doppler vibrometry (LDV), LIDAR, RF over fiber, seed lasers, spectroscopy.



Product Code	Wavelength	Power Options	Fiber	Features
STG-AA1401, AA1406	1529-1610 nm	40, 50, 63, 80, 100 mW	PM or SM	
STG-AA1402	1617 nm	80 mW	PM or SM	
STG-AA1415	1529-1610 nm	40, 50, 63, 80, 100 mW	PM or SM	High isolation
STG-AA1416	1537-1565 nm	40 mW	PM or SM	High isolation, high

				efficiency TEC
STG-AA1411	1064 nm	50 mW	PM or SM	
STG-AA1409	1310 nm	18 mW	PM or SM	
STG-AA0701	1310,1527-1565 nm	10, 18 mW	PM or SM	High bandwidth

2. STG Series DFB Laser Modules

Building upon our proven 14-pin packaged DFB lasers, we also offers compact OEM modules with excellent linewidth performance. All the modules comprise an integrated DFB laser, low noise diode driver, and TEC controller. To operate, the user need only provide a simple 5V power supply and voltage based tuning signals for temperature or current (chirp) adjustment, if required.



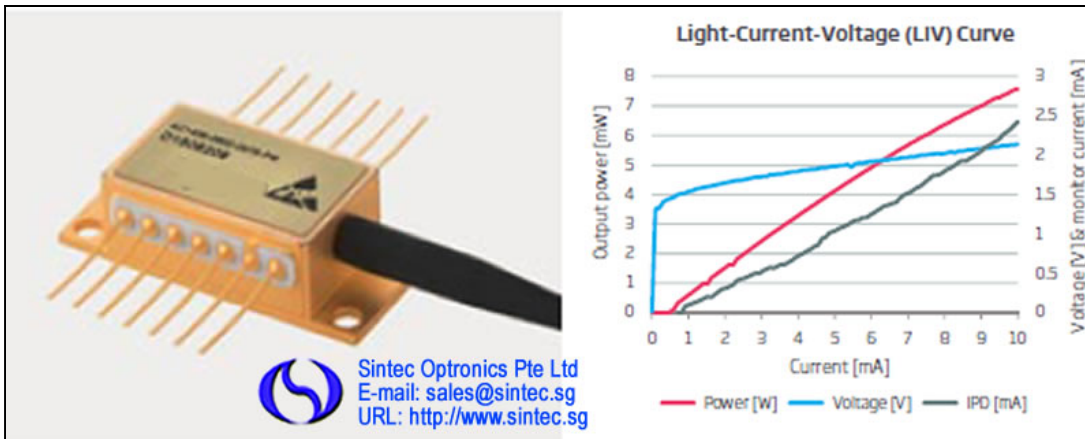
The incorporation of an ultra-low noise current source for the diode offers a vastly improved linewidth. The EM650 typically provides 200 kHz linewidth in a hand-sized package, roughly 66x64 mm (2.5" x2.5") in size. The EM750 features an additional external cavity to reduce the linewidth to approximately 10 kHz while emitting up to 50 mW out of the fiber.

Product Code	Wavelength	Power Options	Laser Type	Fiber	Features
STG-EM650	1064, 1310, 1529-1617 nm	40, 50, 63, 80, 100 mW	DFB	PM or SM	200 kHz typ linewidth
STG-EM750	1532-1575 nm	30, 50 mW	DFB	PM or SM	10 kHz typ linewidth
STG-EM655	1310, 1530, 1550, 1570 nm	10, 18 mW	DFB	PM or SM	>12 GHz direct modulation

3. STG Series DFB Laser Modules

Our high power diode lasers feature ruggedized, epoxy-free designs intended for use in a wide range of harsh, long-life environments. Cooled and uncooled options are available to meet the most demanding diode laser applications.

Single-mode (SM) pump lasers emit a low noise, precisely controlled, polarization maintained level of light at a specific wavelength out of a small-core fiber. STG series of cooled and uncooled diode laser products are designed with precise micro-alignment that stays true and stable through wide temperature ranges and high shock/vibration environments. All SM lasers feature a fiber Bragg grating (FBG) for stable, low noise operation. Customers may select to use the laser without the grating to enable temperature tuning of the central wavelength.



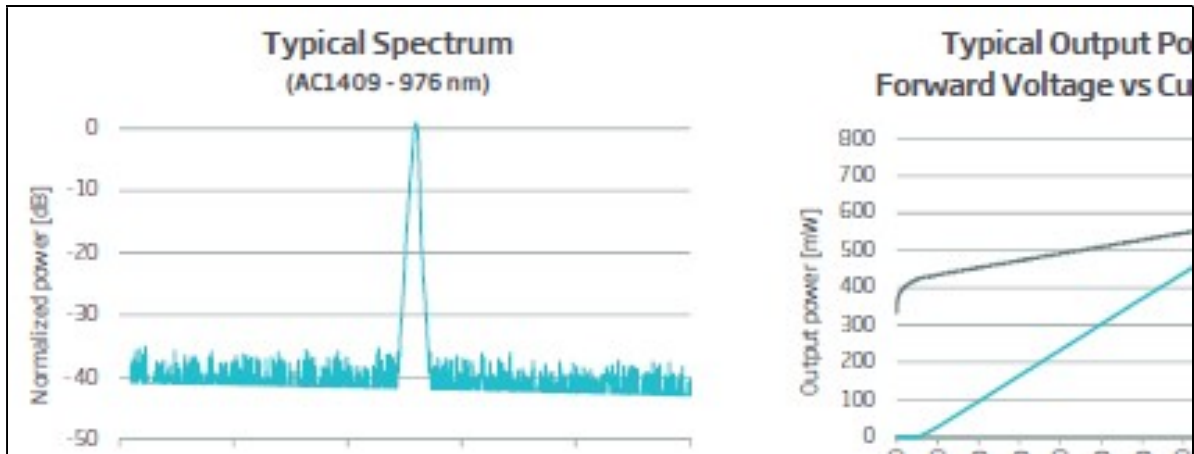
The latest series of AC1409 SM lasers feature high PER performance, enabling superior PM pump combining and other polarization extinction ratio (PER) sensitive applications. In addition to standard products, output wavelength and other options can be customized for new applications.

Multi-mode (MM) lasers offer high output power. We offer standard 14-pin fiber-coupled package designs and other formats upon request. Cooled designs allow for wavelength tuning of the output for even greater wavelength control of the laser, while uncooled options feature higher power output.

Our lasers are designed to ensure highly reliable operation across wide temperature and environmental conditions.







A variety of low size, weight, and power custom designs can be employed to meet demanding aerospace and space mission applications. We also offer design and qualification services to ensure high reliability and long life under launch conditions for space mission applications.

Applications cover fiber lasers, fiber optic, gyroscopes. Inspection, infrared sensing, life science, marking.



Product Code	Fiber	Package	Wavelength	Cooling	Power
STG-AC1409	PM or SM	14-pin	974, 976, 980 nm	Active	600, 700 mW
STG-EM278	PM or SM	mini-DIL	976 nm	None	200 mW
STG-EM322 through EM327	0.15 or 0.22 NA	14-pin	915, 940, 960 nm	None	7 W
STG-EM328, EM329	0.15 or 0.22 NA	14-pin	975 nm	None	6 W
STG-EM330 through EM337	0.15 or 0.22 NA	14-pin	915, 940, 960, 975 nm	Active	5 W
EM339	0.15 or 0.22 NA	14-pin	808 nm	Active	3 W

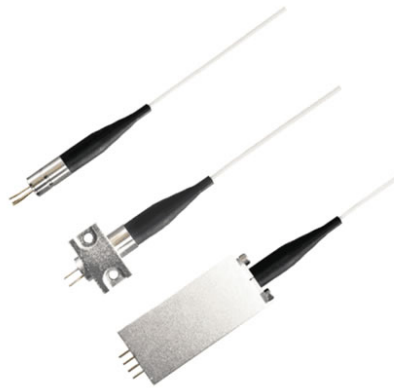
STW Series Fiber-coupled Laser Diodes

													
Laser Diode		Fiber Coupled Laser Module			Fiber Receptacle LD			Laser System		RGB Pigtailed White Laser		Medical Laser Module	
375nm	405nm	445nm	465nm	488nm	505nm	520nm	525nm	635nm	650nm	660nm	670nm	680nm	
685nm	760nm	785nm	790nm	808nm	830nm	850nm	860nm	880nm	905nm	915nm	940nm	980nm	
1064nm	1210nm	1270nm	1280nm	1290nm	1310nm	1330nm	1350nm	1370nm	1390nm	1410nm	1430nm	1450nm	
1470nm	1490nm	1510nm	1530nm	1550nm	1570nm	1590nm	1610nm	1625nm	1650nm	1720nm	1900nm	1920nm	

1. Single Mode Fiber Coupled Laser Diodes

Features:

- 400nm~1650nm
- SM and PM Fiber
- 1mW~100mW Output Power
- PER upto 20dB
- Built-in TE Cooler Optional
- Built-in Photodiode Optional
- Long Lifetime
- High Stability
- Customized Wavelength
- Customized Output Power



We offer High Coupling Efficient Solution for 400nm~1650nm Pigtailed Laser Module with Single Mode Fiber and Polarization Maintaining Fiber and the output power can be up to 100mW. We adopt unique technique to get high Polarization Extinction Ratio (PER), which is up to 20dB with Low Noise Laser Output.

With SM and PM Fiber, it can get the Gauss Beam which is the Single Transverse Mode Beam, the M2 value is less than 1.3. The TE Cooler and Photodiode are optional add-ons which can be integrated into the Laser Module according to the customer's requirements. We can also provide customized solutions if your requirements are not listed below, contact us for a quotation.

Part Number	Wavelength	Output Power	Fiber Core	Package	Other Specification
STW-LP-400-015m-4-PD	400nm	15mW	3um	Coaxial	Single Mode Fiber
STW-LX-400-015m-4-H8-T-PD	400nm	15mW	3um	8-Pin	Single Mode Fiber
STW-LP-400-030m-4-PD	400nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-400-030m-4-H8-T-PD	400nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-400-015m-PM-PD	400nm	15mW	3um	Coaxial	PM Fiber
STW-LX-400-015m-PM-H8-T-PD	400nm	15mW	3um	8-Pin	PM Fiber
STW-LP-400-030m-PM-PD	400nm	30mW	3um	Coaxial	PM Fiber
STW-LX-400-030m-PM-H8-T-PD	400nm	30mW	3um	8-Pin	PM Fiber
STW-LP-405-001m-4-PD	405nm	1mW	3um	Coaxial	Single Mode Fiber
STW-LP-405-015m-4-PD	405nm	15mW	3um	Coaxial	Single Mode Fiber
STW-LX-405-015m-4-H8-T-PD	405nm	15mW	3um	8-Pin	Single Mode Fiber
STW-LP-405-030m-4-PD	405nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-405-030m-4-H8-T-PD	405nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-405-040m-4-PD	405nm	40mW	3um	Coaxial	Single Mode Fiber
STW-LX-405-040m-4-H8-T-PD	405nm	40mW	3um	8-Pin	Single Mode Fiber
STW-LP-405-050m-4-PD	405nm	50mW	3um	Coaxial	Single Mode Fiber
STW-LX-405-050m-4-H8-T-PD	405nm	50mW	3um	8-Pin	Single Mode Fiber
STW-LP-405-015m-PM-PD	405nm	15mW	3um	Coaxial	PM Fiber

STW-LX-405-015m-PM-H8-T-PD	405nm	15mW	3um	8-Pin	PM Fiber
STW-LP-405-030m-PM-PD	405nm	30mW	3um	Coaxial	PM Fiber
STW-LX-405-030m-PM-H8-T-PD	405nm	30mW	3um	8-Pin	PM Fiber
STW-LP-405-040m-PM-PD	405nm	40mW	3um	Coaxial	PM Fiber
STW-LX-405-040m-PM-H8-T-PD	405nm	40mW	3um	8-Pin	PM Fiber
STW-LP-405-050m-PM-PD	405nm	50mW	3um	Coaxial	PM Fiber
STW-LX-405-050m-PM-H8-T-PD	405nm	50mW	3um	8-Pin	PM Fiber
STW-LP-445-015m-4	445nm	15mW	3um	Coaxial	Single Mode Fiber
STW-LX-445-015m-4-H8-T	445nm	15mW	3um	8-Pin	Single Mode Fiber
STW-LX-445-015m-4-H8-T-PD	445nm	15mW	3um	8-Pin	Single Mode Fiber
STW-LP-445-030m-4	445nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-445-030m-4-H8-T	445nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LX-445-030m-4-H8-T-PD	445nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-445-040m-4	445nm	40mW	3um	Coaxial	Single Mode Fiber
STW-LX-445-040m-4-H8-T	445nm	40mW	3um	8-Pin	Single Mode Fiber
STW-LP-445-050m-4	445nm	50mW	3um	Coaxial	Single Mode Fiber
STW-LX-445-050m-4-H8-T	445nm	50mW	3um	8-Pin	Single Mode Fiber
STW-LP-445-070m-4	445nm	70mW	3um	Coaxial	Single Mode Fiber
STW-LX-445-070m-4-H8-T	445nm	70mW	3um	8-Pin	Single Mode Fiber
STW-LX-445-015m-PM-H8-T-PD	445nm	15mW	3um	8-Pin	PM Fiber
STW-LP-445-030m-PM	445nm	30mW	3um	Coaxial	PM Fiber
STW-LX-445-030m-PM-H8-T	445nm	30mW	3um	8-Pin	PM Fiber
STW-LX-445-030m-PM-H8-T-PD	445nm	30mW	3um	8-Pin	PM Fiber
STW-LP-445-050m-PM	445nm	50mW	3um	Coaxial	PM Fiber
STW-LX-445-050m-PM-H8-T	445nm	50mW	3um	8-Pin	PM Fiber
STW-LP-445-050m-9	445nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LX-445-050m-9-H8-T	445nm	50mW	9um	8-Pin	Single Mode Fiber
STW-LP-445-080m-9	445nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LX-445-080m-9-H8-T	445nm	80mW	9um	8-Pin	Single Mode Fiber
STW-LP-445-100m-9	445nm	100mW	9um	Coaxial	Single Mode Fiber
STW-LX-445-100m-9-H8-T	445nm	100mW	9um	8-Pin	Single Mode Fiber
STW-LP-460-030m-4	460nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-460-030m-4-H8-T	460nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-460-050m-4	460nm	50mW	3um	Coaxial	Single Mode Fiber
STW-LX-460-050m-4-H8-T	460nm	50mW	3um	8-Pin	Single Mode Fiber
STW-LP-460-030m-PM	460nm	30mW	3um	Coaxial	PM Fiber
STW-LX-460-030m-PM-H8-T	460nm	30mW	3um	8-Pin	PM Fiber
STW-LP-460-050m-PM	460nm	50mW	3um	Coaxial	PM Fiber
STW-LX-460-050m-PM-H8-T	460nm	50mW	3um	8-Pin	PM Fiber
STW-LP-460-080m-9	460nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LX-460-080m-9-H8-T	460nm	80mW	9um	8-Pin	Single Mode Fiber
STW-LP-473-010m-4	473nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-473-010m-4-H8-T	473nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-473-020m-4	473nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-473-020m-4-H8-T	473nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-473-010m-PM	473nm	10mW	3um	Coaxial	PM Fiber
STW-LX-473-010m-PM-H8-T	473nm	10mW	3um	8-Pin	PM Fiber
STW-LP-473-020m-PM	473nm	20mW	3um	Coaxial	PM Fiber
STW-LX-473-020m-PM-H8-T	473nm	20mW	3um	8-Pin	PM Fiber
STW-LP-480-010m-4	480nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-480-010m-4-H8-T	480nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-480-020m-4	480nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-480-020m-4-H8-T	480nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-480-010m-PM	480nm	10mW	3um	Coaxial	PM Fiber
STW-LX-480-010m-PM-H8-T	480nm	10mW	3um	8-Pin	PM Fiber
STW-LP-480-020m-PM	480nm	20mW	3um	Coaxial	PM Fiber
STW-LX-480-020m-PM-H8-T	480nm	20mW	3um	8-Pin	PM Fiber
STW-LP-488-010m-4	480nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-488-010m-4-H8-T	488nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LX-488-010m-4-H8-T-PD	488nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-488-020m-4	488nm	20mW	3um	Coaxial	Single Mode Fiber

STW-LX-488-020m-4-H8-T	488nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LX-488-020m-4-H8-T-PD	488nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-488-030m-4	488nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-488-030m-4-H8-T	488nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-488-010m-PM	488nm	10mW	3um	Coaxial	PM Fiber
STW-LX-488-010m-PM-H8-T	488nm	10mW	3um	8-Pin	PM Fiber
STW-LX-488-010m-PM-H8-T-PD	488nm	10mW	3um	8-Pin	PM Fiber
STW-LP-488-020m-PM	488nm	20mW	3um	Coaxial	PM Fiber
STW-LX-488-020m-PM-H8-T	488nm	20mW	3um	8-Pin	PM Fiber
STW-LP-488-030m-PM	488nm	30mW	3um	Coaxial	PM Fiber
STW-LX-488-030m-PM-H8-T	488nm	30mW	3um	8-Pin	PM Fiber
STW-LP-488-020m-9	488nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LX-488-020m-9-H8-T	488nm	20mW	9um	8-Pin	Single Mode Fiber
STW-LP-495-010m-4	495nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-495-010m-4-H8-T	495nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-495-020m-4	495nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-495-020m-4-H8-T	495nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-495-010m-PM	495nm	10mW	3um	Coaxial	PM Fiber
STW-LX-495-010m-PM-H8-T	495nm	10mW	3um	8-Pin	PM Fiber
STW-LP-495-020m-PM	495nm	20mW	3um	Coaxial	PM Fiber
STW-LX-495-020m-PM-H8-T	495nm	20mW	3um	8-Pin	PM Fiber
STW-LP-495-020m-9	495nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LX-495-020m-9-H8-T	495nm	20mW	9um	8-Pin	Single Mode Fiber
STW-LP-505-010m-4	505nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-505-010m-4-H8-T	505nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-505-020m-4	505nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-505-020m-4-H8-T	505nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-505-010m-PM	505nm	10mW	3um	Coaxial	PM Fiber
STW-LX-505-010m-PM-H8-T	505nm	10mW	3um	8-Pin	PM Fiber
STW-LP-505-020m-PM	505nm	20mW	3um	Coaxial	PM Fiber
STW-LX-505-020m-PM-H8-T	505nm	20mW	3um	8-Pin	PM Fiber
STW-LP-505-020m-9	505nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LX-505-020m-9-H8-T	505nm	20mW	9um	8-Pin	Single Mode Fiber
STW-LP-510-010m-4	510nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-510-010m-4-H8-T	510nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-510-020m-4	510nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-510-020m-4-H8-T	510nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-510-010m-PM	510nm	10mW	3um	Coaxial	PM Fiber
STW-LX-510-010m-PM-H8-T	510nm	10mW	3um	8-Pin	PM Fiber
STW-LP-510-020m-PM	510nm	20mW	3um	Coaxial	PM Fiber
STW-LX-510-020m-PM-H8-T	510nm	20mW	3um	8-Pin	PM Fiber
STW-LP-520-002m-4-PD	520nm	2mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-002m-4-H8-T-PD	520nm	2mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-005m-4-PD	520nm	5mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-005m-4-H8-T-PD	520nm	5mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-010m-4-PD	520nm	10mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-010m-4-H8-T-PD	520nm	10mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-020m-4-PD	520nm	20mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-020m-4-H8-T-PD	520nm	20mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-030m-4	520nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-030m-4-H8-T	520nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-030m-4-PD	520nm	30mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-030m-4-H8-T-PD	520nm	30mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-040m-4	520nm	40mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-040m-4-H8-T	520nm	40mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-050m-4	520nm	50mW	3um	Coaxial	Single Mode Fiber
STW-LX-520-050m-4-H8-T	520nm	50mW	3um	8-Pin	Single Mode Fiber
STW-LP-520-010m-PM-PD	520nm	10mW	3um	Coaxial	PM Fiber
STW-LX-520-010m-PM-H8-T-PD	520nm	10mW	3um	8-Pin	PM Fiber
STW-LP-520-020m-PM-PD	520nm	20mW	3um	Coaxial	PM Fiber
STW-LX-520-020m-PM-H8-T-PD	520nm	20mW	3um	8-Pin	PM Fiber

STW-LP-520-030m-PM	520nm	30mW	3um	Coaxial	PM Fiber
STW-LX-520-030m-PM-H8-T	520nm	30mW	3um	8-Pin	PM Fiber
STW-LP-520-030m-PM-PD	520nm	30mW	3um	Coaxial	PM Fiber
STW-LX-520-030m-PM-H8-T-PD	520nm	30mW	3um	8-Pin	PM Fiber
STW-LP-520-040m-PM	520nm	40mW	3um	Coaxial	PM Fiber
STW-LX-520-040m-PM-H8-T	520nm	40mW	3um	8-Pin	PM Fiber
STW-LP-520-050m-PM	520nm	50mW	3um	Coaxial	PM Fiber
STW-LX-520-050m-PM-H8-T	520nm	50mW	3um	8-Pin	PM Fiber
STW-LP-520-030m-9-PD	520nm	30mW	9um	Coaxial	Single Mode Fiber
STW-LX-520-030m-9-H8-T-PD	520nm	30mW	9um	8-Pin	Single Mode Fiber
STW-LP-520-050m-9	520nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LX-520-050m-9-H8-T	520nm	50mW	9um	8-Pin	Single Mode Fiber
STW-LP-520-080m-9	520nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LX-520-080m-9-H8-T	520nm	80mW	9um	8-Pin	Single Mode Fiber
STW-LP-633-030m-4	633nm	30mW	4um	Coaxial	Single Mode Fiber
STW-LX-633-030m-4-H8-T	633nm	30mW	4um	8-Pin	Single Mode Fiber
STW-LP-633-050m-4	633nm	50mW	4um	Coaxial	Single Mode Fiber
STW-LX-633-050m-4-H8-T	633nm	50mW	4um	8-Pin	Single Mode Fiber
STW-LP-633-030m-PM	633nm	30mW	4um	Coaxial	PM Fiber
STW-LX-633-030m-PM-H8-T	633nm	30mW	4um	8-Pin	PM Fiber
STW-LP-633-050m-PM	633nm	50mW	4um	Coaxial	PM Fiber
STW-LX-633-050m-PM-H8-T	633nm	50mW	4um	8-Pin	PM Fiber
STW-LP-635-001m-4-PD	635nm	1mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-001m-4-H8-T-PD	635nm	1mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-003m-4-PD	635nm	3mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-003m-4-H8-T-PD	635nm	3mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-005m-4-PD	635nm	5mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-005m-4-H8-T-PD	635nm	5mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-010m-4-PD	635nm	10mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-010m-4-H8-T-PD	635nm	10mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-030m-4-PD	635nm	30mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-030m-4-H8-T-PD	635nm	30mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-050m-4-PD	635nm	50mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-050m-4-H8-T-PD	635nm	50mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-080m-4-PD	635nm	80mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-080m-4-H8-T-PD	635nm	80mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-100m-4-PD	635nm	100mW	4um	Coaxial	Single Mode Fiber
STW-LX-635-100m-4-H8-T-PD	635nm	100mW	4um	8-Pin	Single Mode Fiber
STW-LP-635-010m-PM-PD	635nm	10mW	4um	Coaxial	PM Fiber
STW-LX-635-010m-PM-H8-T-PD	635nm	10mW	4um	8-Pin	PM Fiber
STW-LP-635-030m-PM-PD	635nm	30mW	4um	Coaxial	PM Fiber
STW-LX-635-030m-PM-H8-T-PD	635nm	30mW	4um	8-Pin	PM Fiber
STW-LP-635-050m-PM-PD	635nm	50mW	4um	Coaxial	PM Fiber
STW-LX-635-050m-PM-H8-T-PD	635nm	50mW	4um	8-Pin	PM Fiber
STW-LP-635-080m-PM-PD	635nm	80mW	4um	Coaxial	PM Fiber
STW-LX-635-080m-PM-H8-T-PD	635nm	80mW	4um	8-Pin	PM Fiber
STW-LP-635-100m-PM-PD	635nm	100mW	4um	Coaxial	PM Fiber
STW-LX-635-100m-PM-H8-T-PD	635nm	100mW	4um	8-Pin	PM Fiber
STW-LP-635-010m-9-PD	635nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LP-635-050m-9	635nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-635-080m-9	635nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LP-635-100m-9	635nm	100mW	9um	Coaxial	Single Mode Fiber
STW-LP-660-003m-4-PD	660nm	3mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-003m-4-H8-T-PD	660nm	3mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-005m-4-PD	660nm	5mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-005m-4-H8-T-PD	660nm	5mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-010m-4-PD	660nm	10mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-010m-4-H8-T-PD	660nm	10mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-020m-4	660nm	20mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-020m-4-H8-T	660nm	20mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-030m-4-PD	660nm	30mW	4um	Coaxial	Single Mode Fiber

STW-LX-660-030m-4-H8-T-PD	660nm	30mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-050m-4	660nm	50mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-050m-4-H8-T	660nm	50mW	4um	8-Pin	Single Mode Fiber
STW-LX-660-050m-4-H8-T-PD	660nm	50mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-080m-4	660nm	80mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-080m-4-H8-T	660nm	80mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-100m-4	660nm	100mW	4um	Coaxial	Single Mode Fiber
STW-LX-660-100m-4-H8-T	660nm	100mW	4um	8-Pin	Single Mode Fiber
STW-LP-660-010m-PM-PD	660nm	10mW	4um	Coaxial	PM Fiber
STW-LX-660-010m-PM-H8-T-PD	660nm	10mW	4um	8-Pin	PM Fiber
STW-LP-660-030m-PM-PD	660nm	30mW	4um	Coaxial	PM Fiber
STW-LX-660-030m-PM-H8-T-PD	660nm	30mW	4um	8-Pin	PM Fiber
STW-LP-660-050m-PM	660nm	50mW	4um	Coaxial	PM Fiber
STW-LX-660-050m-PM-H8-T	660nm	50mW	4um	8-Pin	PM Fiber
STW-LX-660-050m-PM-H8-T-PD	660nm	50mW	4um	8-Pin	PM Fiber
STW-LP-660-080m-PM	660nm	80mW	4um	Coaxial	PM Fiber
STW-LX-660-080m-PM-H8-T	660nm	80mW	4um	8-Pin	PM Fiber
STW-LP-660-100m-PM	660nm	100mW	4um	Coaxial	PM Fiber
STW-LX-660-100m-PM-H8-T	660nm	100mW	4um	8-Pin	PM Fiber
STW-LP-660-020m-9	660nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LP-660-040m-9	660nm	40mW	9um	Coaxial	Single Mode Fiber
STW-LP-660-050m-9	660nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-660-080m-9	660nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LP-660-100m-9	660nm	100mW	9um	Coaxial	Single Mode Fiber
STW-LP-670-003m-4-PD	670nm	3mW	4um	Coaxial	Single Mode Fiber
STW-LX-670-003m-4-H8-T-PD	670nm	3mW	4um	8-Pin	Single Mode Fiber
STW-LP-670-005m-4-PD	670nm	5mW	4um	Coaxial	Single Mode Fiber
STW-LX-670-005m-4-H8-T-PD	670nm	5mW	4um	8-Pin	Single Mode Fiber
STW-LP-670-050m-4	670nm	50mW	4um	Coaxial	Single Mode Fiber
STW-LX-670-050m-4-H8-T	670nm	50mW	4um	8-Pin	Single Mode Fiber
STW-LP-670-003m-PM-PD	670nm	3mW	4um	Coaxial	PM Fiber
STW-LX-670-003m-PM-H8-T-PD	670nm	3mW	4um	8-Pin	PM Fiber
STW-LP-670-005m-PM-PD	670nm	5mW	4um	Coaxial	PM Fiber
STW-LX-670-005m-PM-H8-T-PD	670nm	5mW	4um	8-Pin	PM Fiber
STW-LP-670-050m-PM	670nm	50mW	4um	Coaxial	PM Fiber
STW-LX-670-050m-PM-H8-T	670nm	50mW	4um	8-Pin	PM Fiber
STW-LP-670-005m-9-PD	670nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-685-010m-4-PD	685nm	10mW	4um	Coaxial	Single Mode Fiber
STW-LX-685-010m-4-H8-T-PD	685nm	10mW	4um	8-Pin	Single Mode Fiber
STW-LP-685-015m-4-PD	685nm	15mW	4um	Coaxial	Single Mode Fiber
STW-LX-685-015m-4-H8-T-PD	685nm	15mW	4um	8-Pin	Single Mode Fiber
STW-LP-685-020m-4-PD	685nm	20mW	4um	Coaxial	Single Mode Fiber
STW-LX-685-020m-4-H8-T-PD	685nm	20mW	4um	8-Pin	Single Mode Fiber
STW-LP-685-010m-PM-PD	685nm	10mW	4um	Coaxial	PM Fiber
STW-LX-685-010m-PM-H8-T-PD	685nm	10mW	4um	8-Pin	PM Fiber
STW-LP-685-015m-PM-PD	685nm	15mW	4um	Coaxial	PM Fiber
STW-LX-685-015m-PM-H8-T-PD	685nm	15mW	4um	8-Pin	PM Fiber
STW-LP-685-015m-9-PD	685nm	15mW	9um	Coaxial	Single Mode Fiber
STW-LP-705-010m-4-PD	705nm	10mW	4um	Coaxial	Single Mode Fiber
STW-LX-705-010m-4-H8-T-PD	705nm	10mW	4um	8-Pin	Single Mode Fiber
STW-LP-705-015m-4-PD	705nm	15mW	4um	Coaxial	Single Mode Fiber
STW-LX-705-015m-4-H8-T-PD	705nm	15mW	4um	8-Pin	Single Mode Fiber
STW-LP-705-010m-PM-PD	705nm	10mW	4um	Coaxial	PM Fiber
STW-LX-705-010m-PM-H8-T-PD	705nm	10mW	4um	8-Pin	PM Fiber
STW-LP-705-015m-PM-PD	705nm	15mW	4um	Coaxial	PM Fiber
STW-LX-705-015m-PM-H8-T-PD	705nm	15mW	4um	8-Pin	PM Fiber
STW-LP-730-010m-4-PD	730nm	10mW	4um	Coaxial	Single Mode Fiber
STW-LX-730-010m-4-H8-T-PD	730nm	10mW	4um	8-Pin	Single Mode Fiber
STW-LP-730-015m-4-PD	730nm	15mW	4um	Coaxial	Single Mode Fiber
STW-LX-730-015m-4-H8-T-PD	730nm	15mW	4um	8-Pin	Single Mode Fiber
STW-LP-730-010m-PM-PD	730nm	10mW	4um	Coaxial	PM Fiber

STW-LX-730-010m-PM-H8-T-PD	730nm	10mW	4um	8-Pin	PM Fiber
STW-LP-730-015m-PM-PD	730nm	15mW	4um	Coaxial	PM Fiber
STW-LX-730-015m-PM-H8-T-PD	730nm	15mW	4um	8-Pin	PM Fiber
STW-LP-785-005m-4-PD	785nm	5mw	5um	Coaxial	Single Mode Fiber
STW-LX-785-005m-4-H8-T-PD	785nm	5mW	5um	8-Pin	Single Mode Fiber
STW-LP-785-030m-4-PD	785nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-785-030m-4-H8-T-PD	785nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-785-040m-4-PD	785nm	40mW	5um	Coaxial	Single Mode Fiber
STW-LX-785-040m-4-H8-T-PD	785nm	40mW	5um	8-Pin	Single Mode Fiber
STW-LP-785-050m-4-PD	785nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-785-050m-4-H8-T-PD	785nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-785-020m-PM-PD	785nm	20mW	5um	Coaxial	PM Fiber
STW-LX-785-020m-PM-H8-T-PD	785nm	20mW	5um	8-Pin	PM Fiber
STW-LP-785-030m-PM-PD	785nm	30mW	5um	Coaxial	PM Fiber
STW-LX-785-030m-PM-H8-T-PD	785nm	30mW	5um	8-Pin	PM Fiber
STW-LP-785-040m-PM-PD	785nm	40mW	5um	Coaxial	PM Fiber
STW-LX-785-040m-PM-H8-T-PD	785nm	40mW	5um	8-Pin	PM Fiber
STW-LP-785-030m-9-PD	785nm	30mW	9um	Coaxial	Single Mode Fiber
STW-LP-808-020m-4-PD	808nm	20mW	5um	Coaxial	Single Mode Fiber
STW-LX-808-020m-4-H-T-PD	808nm	20mW	5um	HHL-01	Single Mode Fiber
STW-LP-808-030m-4-PD	808nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-808-030m-4-H-T-PD	808nm	30mW	5um	HHL-01	Single Mode Fiber
STW-LP-808-040m-4-PD	808nm	40mW	5um	Coaxial	Single Mode Fiber
STW-LX-808-040m-4-H-T-PD	808nm	40mW	5um	HHL-01	Single Mode Fiber
STW-LP-808-050m-4-PD	808nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-808-050m-4-H-T-PD	808nm	50mW	5um	HHL-01	Single Mode Fiber
STW-LP-808-015m-PM-PD	808nm	15mW	5um	Coaxial	PM Fiber
STW-LX-808-015m-PM-H-T-PD	808nm	15mW	5um	HHL-01	PM Fiber
STW-LP-808-030m-PM-PD	808nm	30mW	5um	Coaxial	PM Fiber
STW-LX-808-030m-PM-H-T-PD	808nm	30mW	5um	HHL-01	PM Fiber
STW-LP-808-040m-PM-PD	808nm	40mW	5um	Coaxial	PM Fiber
STW-LX-808-040m-PM-H-T-PD	808nm	40mW	5um	HHL-01	PM Fiber
STW-LP-820-030m-4-PD	820nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-820-030m-4-H8-T-PD	820nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-820-050m-4-PD	820nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-820-050m-4-H8-T-PD	820nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-820-030m-PM-PD	820nm	30mW	5um	Coaxial	PM Fiber
STW-LX-820-030m-PM-H8-T-PD	820nm	30mW	5um	8-Pin	PM Fiber
STW-LP-820-050m-PM-PD	820nm	50mW	5um	Coaxial	PM Fiber
STW-LX-820-050m-PM-H8-T-PD	820nm	50mW	5um	8-Pin	PM Fiber
STW-LP-830-005m-4-PD	830nm	5mW	5um	Coaxial	Single Mode Fiber
STW-LX-830-005m-4-H8-T-PD	830nm	5mW	5um	8-Pin	Single Mode Fiber
STW-LP-830-030m-4-PD	830nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-830-030m-4-H8-T-PD	830nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-830-050m-4-PD	830nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-830-050m-4-H8-T-PD	830nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-830-080m-4-PD	830nm	80mW	5um	Coaxial	Single Mode Fiber
STW-LX-830-080m-4-H8-T-PD	830nm	80mW	5um	8-Pin	Single Mode Fiber
STW-LP-830-100m-4-PD	830nm	100mW	5um	Coaxial	Single Mode Fiber
STW-LX-830-100m-4-H8-T-PD	830nm	100mW	5um	8-Pin	Single Mode Fiber
STW-LP-830-030m-PM-PD	830nm	30mW	5um	Coaxial	PM Fiber
STW-LX-830-030m-PM-H8-T-PD	830nm	30mW	5um	8-Pin	PM Fiber
STW-LP-830-050m-PM-PD	830nm	50mW	5um	Coaxial	PM Fiber
STW-LX-830-050m-PM-H8-T-PD	830nm	50mW	5um	8-Pin	PM Fiber
STW-LP-830-080m-PM-PD	830nm	80mW	5um	Coaxial	PM Fiber
STW-LX-830-080m-PM-H8-T-PD	830nm	80mW	5um	8-Pin	PM Fiber
STW-LP-830-100m-PM-PD	830nm	100mW	5um	Coaxial	PM Fiber
STW-LX-830-100m-PM-H8-T-PD	830nm	100mW	5um	8-Pin	PM Fiber
STW-LP-830-050m-9-PD	830nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-830-100m-9-PD	830nm	100mW	9um	Coaxial	Single Mode Fiber
STW-LP-850-002m-4-PD	850nm	2mW	5um	Coaxial	Single Mode Fiber

STW-LX-850-002m-4-H8-T-PD	850nm	2mW	5um	8-Pin	Single Mode Fiber
STW-LP-850-010m-4-PD	850nm	10mW	5um	Coaxial	Single Mode Fiber
STW-LX-850-010m-4-H8-T-PD	850nm	10mW	5um	8-Pin	Single Mode Fiber
STW-LP-850-030m-4-PD	850nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-850-030m-4-H8-T-PD	850nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-850-050m-4-PD	850nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-850-050m-4-H8-T-PD	850nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-850-070m-4-PD	850nm	70mW	5um	Coaxial	Single Mode Fiber
STW-LX-850-070m-4-H8-T-PD	850nm	70mW	5um	8-Pin	Single Mode Fiber
STW-LP-850-030m-PM-PD	850nm	30mW	5um	Coaxial	PM Fiber
STW-LX-850-030m-PM-H8-T-PD	850nm	30mW	5um	8-Pin	PM Fiber
STW-LP-850-050m-PM-PD	850nm	50mW	5um	Coaxial	PM Fiber
STW-LX-850-050m-PM-H8-T-PD	850nm	50mW	5um	8-Pin	PM Fiber
STW-LP-850-070m-PM-PD	850nm	70mW	5um	Coaxial	PM Fiber
STW-LX-850-070m-PM-H8-T-PD	850nm	70mW	5um	8-Pin	PM Fiber
STW-LP-850-002m-9-PD	850nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-850-020m-9-PD	850nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LP-850-050m-9-PD	850nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-880-001m-4-PD	880nm	1mw	5um	Coaxial	Single Mode Fiber
STW-LX-880-001m-4-H8-T-PD	880nm	1mW	5um	8-Pin	Single Mode Fiber
STW-LP-880-001m-PM-PD	880nm	1mW	5um	Coaxial	PM Fiber
STW-LX-880-001m-PM-H8-T-PD	880nm	1mW	5um	8-Pin	PM Fiber
STW-LP-880-002m-9-PD	880nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-905-002m-4-PD	905nm	2mW	5um	Coaxial	Single Mode Fiber
STW-LX-905-002m-4-H8-T-PD	905nm	2mW	5um	8-Pin	Single Mode Fiber
STW-LP-905-030m-4-PD	905nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-905-030m-4-H8-T-PD	905nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-905-050m-4-PD	905nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-905-050m-4-H8-T-PD	905nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-905-070m-4-PD	905nm	70mW	5um	Coaxial	Single Mode Fiber
STW-LX-905-070m-4-H8-T-PD	905nm	70mW	5um	8-Pin	Single Mode Fiber
STW-LP-905-030m-PM-PD	905nm	30mW	5um	Coaxial	PM Fiber
STW-LX-905-030m-PM-H8-T-PD	905nm	30mW	5um	8-Pin	PM Fiber
STW-LP-905-050m-PM-PD	905nm	50mW	5um	Coaxial	PM Fiber
STW-LX-905-050m-PM-H8-T-PD	905nm	50mW	5um	8-Pin	PM Fiber
STW-LP-905-070m-PM-PD	905nm	70mW	5um	Coaxial	PM Fiber
STW-LX-905-070m-PM-H8-T-PD	905nm	70mW	5um	8-Pin	PM Fiber
STW-LP-905-050m-9-PD	905nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-905-080m-9-PD	905nm	80mW	9um	Coaxial	Single Mode Fiber
STW-LP-940-030m-4-PD	940nm	30mW	5um	Coaxial	Single Mode Fiber
STW-LX-940-030m-4-H8-T-PD	940nm	30mW	5um	8-Pin	Single Mode Fiber
STW-LP-940-050m-4-PD	940nm	50mW	5um	Coaxial	Single Mode Fiber
STW-LX-940-050m-4-H8-T-PD	940nm	50mW	5um	8-Pin	Single Mode Fiber
STW-LP-940-080m-4-PD	940nm	80mW	5um	Coaxial	Single Mode Fiber
STW-LX-940-080m-4-H8-T-PD	940nm	80mW	5um	8-Pin	Single Mode Fiber
STW-LP-940-100m-4-PD	940nm	100mW	5um	Coaxial	Single Mode Fiber
STW-LX-940-100m-4-H8-T-PD	940nm	100mW	5um	8-Pin	Single Mode Fiber
STW-LP-940-030m-PM-PD	940nm	30mW	5um	Coaxial	PM Fiber
STW-LX-940-030m-PM-H8-T-PD	940nm	30mW	5um	8-Pin	PM Fiber
STW-LP-940-050m-PM-PD	940nm	50mW	5um	Coaxial	PM Fiber
STW-LX-940-050m-PM-H8-T-PD	940nm	50mW	5um	8-Pin	PM Fiber
STW-LP-940-080m-PM-PD	940nm	80mW	5um	Coaxial	PM Fiber
STW-LX-940-080m-PM-H8-T-PD	940nm	80mW	5um	8-Pin	PM Fiber
STW-LP-940-100m-PM-PD	940nm	100mW	5um	Coaxial	PM Fiber
STW-LX-940-100m-PM-H8-T-PD	940nm	100mW	5um	8-Pin	PM Fiber
STW-LP-940-050m-9-PD	940nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-940-100m-9-PD	940nm	100mW	9um	Coaxial	Single Mode Fiber
STW-LP-980-005m-4-PD	980nm	5mW	6um	Coaxial	Single Mode Fiber
STW-LX-980-005m-4-H8-T-PD	980nm	5mW	6um	8-Pin	Single Mode Fiber
STW-LP-980-010m-4-PD	980nm	10mW	6um	Coaxial	Single Mode Fiber
STW-LX-980-010m-4-H8-T-PD	980nm	10mW	6um	8-Pin	Single Mode Fiber

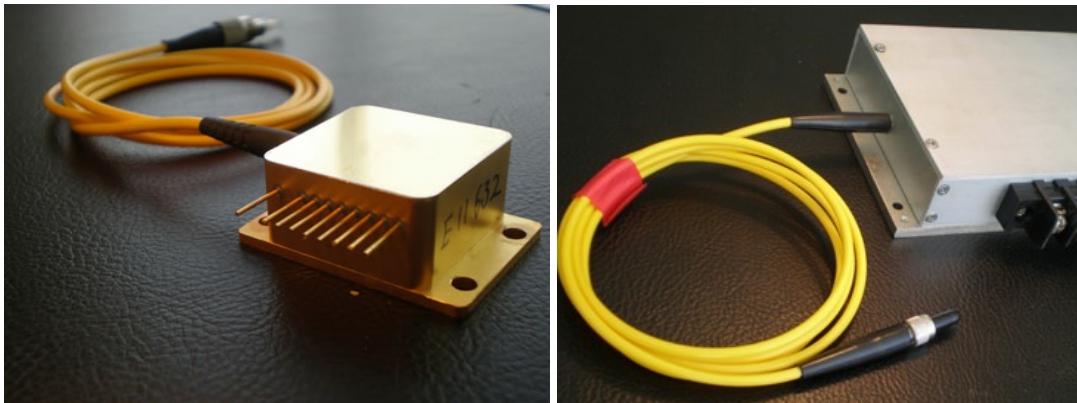
STW-LP-980-010m-9-PD	980nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LP-980-015m-9-PD	980nm	15mW	9um	Coaxial	Single Mode Fiber
STW-LP-1064-010m-4-PD	1064nm	10mW	6um	Coaxial	Single Mode Fiber
STW-LP-1064-015m-4-PD	1064nm	15mW	6um	Coaxial	Single Mode Fiber
STW-LP-1064-030m-4-PD	1064nm	30mW	6um	Coaxial	Single Mode Fiber
STW-LP-1064-050m-4-PD	1064nm	50mW	6um	Coaxial	Single Mode Fiber
STW-LP-1064-005m-PM-PD	1064nm	5mW	6um	Coaxial	PM Fiber
STW-LP-1064-010m-PM-PD	1064nm	10mW	6um	Coaxial	PM Fiber
STW-LP-1064-020m-PM-PD	1064nm	20mW	6um	Coaxial	PM Fiber
STW-LP-1064-040m-PM-PD	1064nm	40mW	6um	Coaxial	PM Fiber
STW-LP-1064-010m-9-PD	1064nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LP-1064-020m-9-PD	1064nm	20mW	9um	Coaxial	Single Mode Fiber
STW-LP-1064-050m-9-PD	1064nm	50mW	9um	Coaxial	Single Mode Fiber
STW-LP-1270-002m-9-DFB	1270nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1270-005m-9-DFB	1270nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1270-005m-9-T-DFB	1270nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1270-005m-9-H8-T-DFB	1270nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1270-010m-9-DFB	1270nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1270-010m-9-H8-T-DFB	1270nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1270-005m-PM-DFB	1270nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1270-005m-PM-T-DFB	1270nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1270-005m-PM-H8-T-DFB	1270nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1270-010m-PM-DFB	1270nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1270-010m-PM-H8-T-DFB	1270nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1290-002m-9-DFB	1290nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1290-005m-9-DFB	1290nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1290-005m-9-T-DFB	1290nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1290-005m-9-H8-T-DFB	1290nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1290-010m-9-DFB	1290nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1290-010m-9-H8-T-DFB	1290nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1290-005m-PM-DFB	1290nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1290-005m-PM-T-DFB	1290nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1290-005m-PM-H8-T-DFB	1290nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1290-010m-PM-DFB	1290nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1290-010m-PM-H8-T-DFB	1290nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1310-002m-9-FP	1310nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1310-003m-9-DFB	1310nm	3mW	9um	Coaxial	Single Mode Fiber
STW-LP-1310-005m-9-DFB	1310nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1310-005m-9-H8-T-DFB	1310nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1310-010m-9-DFB	1310nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LP-1310-010m-9-T-DFB	1310nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1310-010m-9-H8-T-DFB	1310nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1310-015m-9-DFB	1310nm	15mW	9um	Coaxial	Single Mode Fiber
STW-LX-1310-015m-9-H8-T-DFB	1310nm	15mW	9um	8-Pin	Single Mode Fiber
STW-LP-1310-010m-PM-DFB	1310nm	10mW	9um	Coaxial	PM Fiber
STW-LP-1310-010m-PM-T-DFB	1310nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1310-010m-PM-H8-T-DFB	1310nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1310-015m-PM-DFB	1310nm	15mW	9um	Coaxial	PM Fiber
STW-LX-1310-015m-PM-H8-T-DFB	1310nm	15mW	9um	8-Pin	PM Fiber
STW-LP-1330-002m-9-DFB	1330nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1330-005m-9-DFB	1330nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1330-005m-9-T-DFB	1330nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1330-005m-9-H8-T-DFB	1330nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1330-010m-9-DFB	1330nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1330-010m-9-H8-T-DFB	1330nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1330-005m-PM-DFB	1330nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1330--005m-PM-T-DFB	1330nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1330-005m-PM-H8-T-DFB	1330nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1330-010m-PM-DFB	1330nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1330-010m-PM-H8-T-DFB	1330nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1350-002m-9-DFB	1350nm	2mW	9um	Coaxial	Single Mode Fiber

STW-LP-1350-005m-9-DFB	1350nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1350-005m-9-T-DFB	1350nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1350-005m-9-H8-T-DFB	1350nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1350-010m-9-DFB	1350nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1350-010m-9-H8-T-DFB	1350nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1350-005m-PM-DFB	1350nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1350--005m-PM-T-DFB	1350nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1350-005m-PM-H8-T-DFB	1350nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1350-010m-PM-DFB	1350nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1350-010m-PM-H8-T-DFB	1350nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1370-002m-9-DFB	1370nm	2mw	9um	coaxial	Single Mode Fiber
STW-LP-1370-005m-9-DFB	1370nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1370-005m-9-T-DFB	1370nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1370-005m-9-H8-T-DFB	1370nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1370-010m-9-DFB	1370nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1370-010m-9-H8-T-DFB	1370nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1370-005m-PM-DFB	1370nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1370--005m-PM-T-DFB	1370nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1370-005m-PM-H8-T-DFB	1370nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1370-010m-PM-DFB	1370nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1370-010m-PM-H8-T-DFB	1370nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1390-002m-9-DFB	1390nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1390-005m-9-DFB	1390nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1390-005m-9-T-DFB	1390nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1390-005m-9-H8-T-DFB	1390nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1390-010m-9-DFB	1390nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1390-010m-9-H8-T-DFB	1390nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1390-005m-PM-DFB	1390nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1390--005m-PM-T-DFB	1390nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1390-005m-PM-H8-T-DFB	1390nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1390-010m-PM-DFB	1390nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1390-010m-PM-H8-T-DFB	1390nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1410-002m-9-DFB	1410nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1410-005m-9-DFB	1410nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1410-005m-9-T-DFB	1410nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1410-005m-9-H8-T-DFB	1410nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1410-010m-9-DFB	1410nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1410-010m-9-H8-T-DFB	1410nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1410-005m-PM-DFB	1410nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1410--005m-PM-T-DFB	1410nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1410-005m-PM-H8-T-DFB	1410nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1410-010m-PM-DFB	1410nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1410-010m-PM-H8-T-DFB	1410nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1430-002m-9-DFB	1430nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1430-005m-9-DFB	1430nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1430-005m-9-T-DFB	1430nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1430-005m-9-H8-T-DFB	1430nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1430-010m-9-DFB	1430nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1430-010m-9-H8-T-DFB	1430nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1430-005m-PM-DFB	1430nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1430--005m-PM-T-DFB	1430nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1430-005m-PM-H8-T-DFB	1430nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1430-010m-PM-DFB	1430nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1430-010m-PM-H8-T-DFB	1430nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1450-002m-9-DFB	1450nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1450-005m-9-DFB	1450nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1450-005m-9-T-DFB	1450nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1450-005m-9-H8-T-DFB	1450nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1450-010m-9-DFB	1450nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1450-010m-9-H8-T-DFB	1450nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1450-005m-PM-DFB	1450nm	5mW	9um	Coaxial	PM Fiber

STW-LP-1450--005m-PM-T-DFB	1450nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1450-005m-PM-H8-T-DFB	1450nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1450-010m-PM-DFB	1450nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1450-010m-PM-H8-T-DFB	1450nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1470-002m-9-DFB	1470nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1470-005m-9-DFB	1470nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1470-005m-9-T-DFB	1470nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1470-005m-9-H8-T-DFB	1470nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1470-010m-9-DFB	1470nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1470-010m-9-H8-T-DFB	1470nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1470-005m-PM-DFB	1470nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1470--005m-PM-T-DFB	1470nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1470-005m-PM-H8-T-DFB	1470nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1470-010m-PM-DFB	1470nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1470-010m-PM-H8-T-DFB	1470nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1490-002m-9-DFB	1490nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1490-005m-9-DFB	1490nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1490-005m-9-T-DFB	1490nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1490-005m-9-H8-T-DFB	1490nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1490-010m-9-DFB	1490nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1490-010m-9-H8-T-DFB	1490nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1490-005m-PM-DFB	1490nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1490--005m-PM-T-DFB	1490nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1490-005m-PM-H8-T-DFB	1490nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1490-010m-PM-DFB	1490nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1490-010m-PM-H8-T-DFB	1490nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1510-002m-9-DFB	1510nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1510-005m-9-DFB	1510nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1510-005m-9-T-DFB	1510nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1510-005m-9-H8-T-DFB	1510nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1510-010m-9-DFB	1510nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1510-010m-9-H8-T-DFB	1510nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1510-005m-PM-DFB	1510nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1510--005m-PM-T-DFB	1510nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1510-005m-PM-H8-T-DFB	1510nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1510-010m-PM-DFB	1510nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1510-010m-PM-H8-T-DFB	1510nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1530-002m-9-DFB	1530nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1530-005m-9-DFB	1530nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1530-005m-9-T-DFB	1530nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1530-005m-9-H8-T-DFB	1530nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1530-010m-9-DFB	1530nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1530-010m-9-H8-T-DFB	1530nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1530-005m-PM-DFB	1530nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1530--005m-PM-T-DFB	1530nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1530-005m-PM-H8-T-DFB	1530nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1530-010m-PM-DFB	1530nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1530-010m-PM-H8-T-DFB	1530nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1550-002m-9-FP	1550nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1550-003m-9-DFB	1550nm	3mW	9um	Coaxial	Single Mode Fiber
STW-LP-1550-005m-9-DFB	1550nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1550-005m-9-H8-T-DFB	1550nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1550-010m-9-DFB	1550nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LP-1550-010m-9-T-DFB	1550nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1550-010m-9-H8-T-DFB	1550nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1550-005m-PM-DFB	1550nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1550-005m-PM-H8-T-DFB	1550nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1550-010m-PM-DFB	1550nm	10mW	9um	Coaxial	PM Fiber
STW-LP-1550-010m-PM-T-DFB	1550nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1550-010m-PM-H8-T-DFB	1550nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1570-002m-9-DFB	1570nm	2mW	9um	Coaxial	Single Mode Fiber

STW-LP-1570-005m-9-DFB	1570nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1570-005m-9-T-DFB	1570nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1570-005m-9-H8-T-DFB	1570nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1570-010m-9-DFB	1570nm	10mW	9um	Coaxial	Single Mode Fiber
STW-LX-1570-010m-9-H8-T-DFB	1570nm	10mW	9um	8-Pin	Single Mode Fiber
STW-LP-1570-005m-PM-DFB	1570nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1570--005m-PM-T-DFB	1570nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1570-005m-PM-H8-T-DFB	1570nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1570-010m-PM-DFB	1570nm	10mW	9um	Coaxial	PM Fiber
STW-LX-1570-010m-PM-H8-T-DFB	1570nm	10mW	9um	8-Pin	PM Fiber
STW-LP-1590-002m-9-DFB	1590nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1590-005m-9-DFB	1590nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1590-005m-9-T-DFB	1590nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1590-005m-9-H8-T-DFB	1590nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1590-008m-9-DFB	1590nm	8mW	9um	Coaxial	Single Mode Fiber
STW-LX-1590-008m-9-H8-T-DFB	1590nm	8mW	9um	8-Pin	Single Mode Fiber
STW-LP-1590-005m-PM-DFB	1590nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1590-005m-PM-T-DFB	1590nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1590-005m-PM-H8-T-DFB	1590nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1590-008m-PM-DFB	1590nm	8mW	9um	Coaxial	PM Fiber
STW-LX-1590-008m-PM-H8-T-DFB	1590nm	8mW	9um	8-Pin	PM Fiber
STW-LP-1610-002m-9-DFB	1610nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1610-005m-9-DFB	1610nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1610-005m-9-T-DFB	1610nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1610-005m-9-H8-T-DFB	1610nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1610-008m-9-DFB	1610nm	8mW	9um	Coaxial	Single Mode Fiber
STW-LX-1610-008m-9-H8-T-DFB	1610nm	8mW	9um	8-Pin	Single Mode Fiber
STW-LP-1610-005m-PM-DFB	1610nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1610-005m-PM-T-DFB	1610nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1610-005m-PM-H8-T-DFB	1610nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1610-008m-PM-DFB	1610nm	8mW	9um	Coaxial	PM Fiber
STW-LX-1610-008m-PM-H8-T-DFB	1610nm	8mW	9um	8-Pin	PM Fiber
STW-LP-1625-002m-9-DFB	1625nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1625-005m-9-DFB	1625nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1625-005m-9-T-DFB	1625nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1625-005m-9-H8-T-DFB	1625nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1625-008m-9-DFB	1625nm	8mW	9um	Coaxial	Single Mode Fiber
STW-LX-1625-008m-9-H8-T-DFB	1625nm	8mW	9um	8-Pin	Single Mode Fiber
STW-LP-1625-005m-PM-DFB	1625nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1625-005m-PM-T-DFB	1625nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1625-005m-PM-H8-T-DFB	1625nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1625-008m-PM-DFB	1625nm	8mW	9um	Coaxial	PM Fiber
STW-LX-1625-008m-PM-H8-T-DFB	1625nm	8mW	9um	8-Pin	PM Fiber
STW-LP-1650-002m-9-DFB	1650nm	2mW	9um	Coaxial	Single Mode Fiber
STW-LP-1650-005m-9-DFB	1650nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LP-1650-005m-9-T-DFB	1650nm	5mW	9um	Coaxial	Single Mode Fiber
STW-LX-1650-005m-9-H8-T-DFB	1650nm	5mW	9um	8-Pin	Single Mode Fiber
STW-LP-1650-008m-9-DFB	1650nm	8mW	9um	Coaxial	Single Mode Fiber
STW-LX-1650-008m-9-H8-T-DFB	1650nm	8mW	9um	8-Pin	Single Mode Fiber
STW-LP-1650-005m-PM-DFB	1650nm	5mW	9um	Coaxial	PM Fiber
STW-LP-1650-005m-PM-T-DFB	1650nm	5mW	9um	Coaxial	PM Fiber
STW-LX-1650-005m-PM-H8-T-DFB	1650nm	5mW	9um	8-Pin	PM Fiber
STW-LP-1650-008m-PM-DFB	1650nm	8mW	9um	Coaxial	PM Fiber
STW-LX-1650-008m-PM-H8-T-DFB	1650nm	8mW	9um	8-Pin	PM Fiber

2. Multi-mode Fiber Coupled Laser Diodes


Features:

- 375nm~1920nm
- 5mW~50W Output Power
- 50um/ 105um/ 200um/ 400um Fiber Core
- Coaxial/ 2-PIN/ 4-PIN/ 14-PIN/ 9-PIN Package
- Built-in TE Cooler Optional
- Built-in Photodiode Optional
- Red/Green Aiming Beam Optional for IR LASER
- Long Lifetime
- High Stability
- Customized Wavelength
- Customized Output Power
- Customized Fiber Core

We offer High Coupling Efficient Solution for 375nm~1920nm Pigtailed Laser Module with 50um,105um, 200um, 400um Fiber Core and output power ranges from 5mW to 50W. The TE Cooler, Photodiode and green/red aiming beam are optional for customers, which can be integrated into the Laser Module as per the customer's requirement. We can also provide customized solutions if your requirements are not listed below, contact us for a quotation.

Part Number	Wavelength	Output Power	Fiber Core	Package
STW-LP-375-100m-M	375nm	100mW	UV 105um	Coaxial
STW-LX-375-100m-M-H9-T	375nm	100mW	UV 105um	9-Pin
STW-LP-395-200m-50M	395nm	200mW	UV 50um	Coaxial
STW-LX-395-200m-50M-H-T	395nm	200mW	UV 50um	HHL-01
STW-LP-395-200m-M	395nm	200mW	UV105um	Coaxial
STW-LX-395-200m-M-H-T	395nm	200mW	UV105um	HHL-01
STW-LP-400-400m-M	400nm	400mW	UV105um	Coaxial
STW-LX-400-400m-M-H14-T-PD	400nm	400mW	UV105um	14-Pin
STW-LX-400-400m-M-H-T	400nm	400mW	UV105um	HHL-01
STW-LP-405-200m-50M	405nm	200mW	UV 50um	Coaxial
STW-LX-405-200m-50M-H-T	405nm	200mW	UV 50um	HHL-01
STW-LP-405-200m-M	405nm	200mW	UV105um	Coaxial
STW-LX-405-200m-M-H-T	405nm	200mW	UV105um	HHL-01
STW-LP-405-300m-M	405nm	300mW	UV105um	Coaxial
STW-LX-405-300m-M-H-T	405nm	300mW	UV105um	HHL-01
STW-LX-405-300m-M-H14-T-PD	405nm	300mW	UV105um	14-Pin
STW-LP-405-400m-50M	405nm	400mW	UV 50um	Coaxial
STW-LX-405-400m-50M-H-T	405nm	400mW	UV 50um	HHL-01
STW-LX-405-400m-50M-H14-T-PD	405nm	400mW	UV 50um	14-Pin
STW-LP-405-450m-M	405nm	450mW	UV105um	Coaxial
STW-LX-405-450m-M-H-T	405nm	450mW	UV105um	HHL-01
STW-LX-405-450m-M-H14-T-PD	405nm	350mW	UV105um	14-Pin
STW-LP-410-300m-M	410nm	300mW	UV105um	Coaxial
STW-LX-410-300m-M-H-T	410nm	300mW	UV105um	HHL-01

STW-LP-413-300m-M	413nm	300mW	UV105um	Coaxial
STW-LX-413-300m-M-H-T	413nm	300mW	UV105um	HHL-01
STW-LP-445-050m-M	445nm	50mW	105um	Coaxial
STW-LX-445-050m-M-H8-T	445nm	50mW	105um	8-Pin
STW-LP-445-080m-M	445nm	80mW	105um	Coaxial
STW-LX-445-080m-M-H8-T	445nm	80mW	105um	8-Pin
STW-LP-445-800m-M	445nm	800mW	105um	Coaxial
STW-LP-445-001-M	445nm	1W	105um	Coaxial
STW-LX-445-001-M-H-T	445nm	1W	105um	HHL-01
STW-LX-445-001-M-H14-T-PD	445nm	1W	105um	14-Pin
STW-LP-445-3500m-M	445nm	3.5W	105um	Coaxial
STW-LX-445-3500m-M-H9-T-PD	445nm	3.5W	105um	9-Pin
STW-LX-445-010-200M-H	445nm	10W	200um	P4
STW-LX-445-020-400M-H	445nm	20W	400um	P5
STW-LP-455-003-50M	455nm	3W	50um	Coaxial
STW-LX-455-003-50M-H9-T-PD	455nm	3W	50um	9-Pin
STW-LP-455-004-200M	455nm	4W	200um	Coaxial
STW-LX-455-004-200M-H9-T-PD	455nm	4W	200um	9-Pin
STW-LP-465-002-M	465nm	2W	105um	Coaxial
STW-LX-465-002-M-H9-T-PD	465nm	2W	105um	9-Pin
STW-LX-465-007-200M-H	465nm	7W	200um	P4
STW-LX-465-015-400M-H	465nm	15W	400um	P5
STW-LP-480-050m-M	480nm	50mW	105um	Coaxial
STW-LX-480-050m-M-H8-T	480nm	50mW	105um	8-Pin
STW-LP-488-050m-M	480nm	50mW	105um	Coaxial
STW-LX-488-050m-M-H8-T	480nm	50mW	105um	8-Pin
STW-LP-488-080m-M	480nm	80mW	105um	Coaxial
STW-LX-488-080m-M-H8-T	480nm	80mW	105um	8-Pin
STW-LP-495-050m-M	495nm	50mW	105um	Coaxial
STW-LX-495-050m-M-H8-T	495nm	50mW	105um	8-Pin
STW-LP-505-030m-M	505nm	30mW	105um	Coaxial
STW-LX-505-030m-M-H8-T	505nm	30mW	105um	8-Pin
STW-LP-505-050m-M	505nm	50mW	105um	Coaxial
STW-LX-505-050m-M-H8-T	505nm	50mW	105um	8-Pin
STW-LP-520-010m-M-PD	520nm	10mW	105um	Coaxial
STW-LX-520-010m-M-H8-T-PD	520nm	10mW	105um	8-Pin
STW-LP-520-030m-M-PD	520nm	30mW	105um	Coaxial
STW-LX-520-030m-M-H8-T-PD	520nm	30mW	105um	8-Pin
STW-LP-520-050m-M-PD	520nm	50mW	105um	Coaxial
STW-LX-520-050m-M-H8-T-PD	520nm	50mW	105um	8-Pin
STW-LP-520-080m-M	520nm	80mW	105um	Coaxial
STW-LX-520-080m-M-H8-T	520nm	80mW	105um	8-Pin
STW-LP-520-200m-M	520nm	200mW	105um	Coaxial
STW-LP-520-300m-M	520nm	300mW	105um	Coaxial
STW-LP-520-800m-50M	520nm	800mW	50um	Coaxial
STW-LX-520-800m-50M-H9-T-PD	520nm	800mW	50um	9-Pin
STW-LP-520-800m-M	520nm	800mW	105um	Coaxial
STW-LX-520-800m-M-H9-T-PD	520nm	800mW	105um	9-Pin
STW-LP-520-001-50M	520nm	1W	50um	Coaxial
STW-LX-520-001-50M-H9-T-PD	520nm	1W	50um	9-Pin
STW-LP-520-1200m-M	520nm	1.2W	105um	Coaxial
STW-LX-520-1200m-M-H9-T-PD	520nm	1.2W	105um	9-Pin
STW-LX-520-002-M-H	520nm	2W	105um	P4
STW-LX-520-005-200M-H	520nm	5W	200um	P5
STW-LP-525-800m-50M	525nm	800mW	50um	Coaxial
STW-LX-525-800m-50M-H9-T-PD	525nm	800mW	50um	9-Pin
STW-LP-525-800m-M	525nm	800mW	105um	Coaxial
STW-LX-525-800m-M-H9-T-PD	525nm	800mW	105um	9-Pin
STW-LP-525-001-50M	525nm	1W	50um	Coaxial
STW-LX-525-001-50M-H9-T-PD	525nm	1W	50um	9-Pin
STW-LP-525-1200m-M	525nm	1.2W	105um	Coaxial

STW-LX-525-1200m-M-H9-T-PD	525nm	1.2W	105um	9-Pin
STW-LX-525-002-M-H	525nm	2W	105um	P4
STW-LX-525-005-200M-H	525nm	5W	200um	P5
STW-LP-532-001-50M	532nm	1W	50um	Coaxial
STW-LX-532-001-50M-H9-T-PD	532nm	1W	50um	9-Pin
STW-LP-532-001-M	532nm	1W	105um	Coaxial
STW-LX-532-001-M-H9-T-PD	532nm	1W	105um	9-Pin
STW-LX-630-300m-M-H9-T-PD	630nm	300mW	105um	9-Pin
STW-LX-633-700m-M-H9-T-PD	633nm	700mW	105um	9-Pin
STW-LX-633-001-200M-H9-T-PD	633nm	1W	200um	9-Pin
STW-LP-635-005m-M-PD	635nm	5mW	105um	Coaxial
STW-LP-635-020m-M-PD	635nm	20mW	105um	Coaxial
STW-LP-635-120m-M-PD	635nm	120mW	105um	Coaxial
STW-LX-635-120m-M-H8-T-PD	635nm	120mW	105um	8-Pin
STW-LP-635-150m-M-PD	635nm	150mW	105um	Coaxial
STW-LX-635-150m-M-H8-T-PD	635nm	150mW	105um	8-Pin
STW-LP-635-300m-M	635nm	300mW	105um	Coaxial
STW-LX-635-300m-M-H8-T	635nm	300mW	105um	8-Pin
STW-LP-635-400m-M	635nm	400mW	105um	Coaxial
STW-LX-635-400m-M-H8-T	635nm	400mW	105um	8-Pin
STW-LX-635-400m-M-H4-PD	635nm	400mW	105um	4-Pin
STW-LX-635-400m-M-H14-T-PD	635nm	400mW	105um	14-Pin
STW-LP-635-800m-50M	635nm	800mW	50um	Coaxial
STW-LX-635-800m-50M-H9-T-PD	635nm	800mW	50um	9-Pin
STW-LP-635-001-M	635nm	1W	105um	Coaxial
STW-LX-635-001-M-H9-T-PD	635nm	1W	105um	9-Pin
STW-LP-635-1800m-200M	635nm	1.8W	200um	Coaxial
STW-LX-635-1800m-200M-H9-T-PD	635nm	1.8W	200um	9-Pin
STW-LX-653-700m-M-H9-T-PD	653nm	700mw	105um	9-Pin
STW-LP-660-030m-M-PD	660nm	30mW	105um	Coaxial
STW-LP-660-050m-M-PD	660nm	50mW	105um	Coaxial
STW-LP-660-080m-M-PD	660nm	80mW	105um	Coaxial
STW-LP-660-120m-M	660nm	120mW	105um	Coaxial
STW-LX-660-120m-M-H8-T	660nm	120mW	105um	8-Pin
STW-LX-660-800m-50M-H2	660nm	800mW	50um	2-Pin
STW-LX-660-800m-50M-H14-T-PD	660nm	800mW	50um	14-Pin
STW-LX-660-800m-M-H2	660nm	800mW	105um	2-Pin
STW-LX-660-800m-M-H14-T-PD	660nm	800mW	105um	14-Pin
STW-LX-660-001-50M-H2	660nm	1W	50um	2-Pin
STW-LX-660-001-50M-H14-T-PD	660nm	1W	50um	14-Pin
STW-LX-660-001-M-H2	660nm	1W	105um	2-Pin
STW-LX-660-001-M-H14-T-PD	660nm	1W	105um	14-Pin
STW-LP-670-005m-M-PD	670nm	5mW	105um	Coaxial
STW-LX-670-005m-M-H8-T-PD	670nm	5mW	105um	8-Pin
STW-LP-670-010m-M-PD	670nm	10mW	105um	Coaxial
STW-LX-670-010m-M-H8-T-PD	670nm	10mW	105um	8-Pin
STW-LP-670-120m-M	670nm	120mW	105um	Coaxial
STW-LX-670-120m-M-H8-T	670nm	120mW	105um	8-Pin
STW-LP-685-030m-M-PD	685nm	30mW	105um	Coaxial
STW-LX-685-030m-M-H8-T-PD	685nm	30mW	105um	8-Pin
STW-LX-690-800m-M-H4	690nm	800mW	105um	4-Pin
STW-LX-690-800m-M-H9-T-PD	690nm	800mW	105um	9-Pin
STW-LX-760-1500m-M-H2	760nm	1.5W	105um	2-Pin
STW-LX-760-1500m-M-H14-T-PD	760nm	1.5W	105um	14-Pin
STW-LX-760-003-200M-H2	760nm	3W	200um	2-Pin
STW-LX-760-003-200M-H9-T-PD	760nm	3W	200um	9-Pin
STW-LX-770-003-M-H2	770nm	3W	105um	2-Pin
STW-LX-770-003-M-H9-T-PD	770nm	3W	105um	9-Pin
STW-LP-785-050m-M-PD	785nm	50mW	105um	Coaxial
STW-LX-785-050m-M-H8-T-PD	785nm	50mW	105um	8-Pin
STW-LX-785-1500m-50M-H2	785nm	1.5W	50um	2-Pin

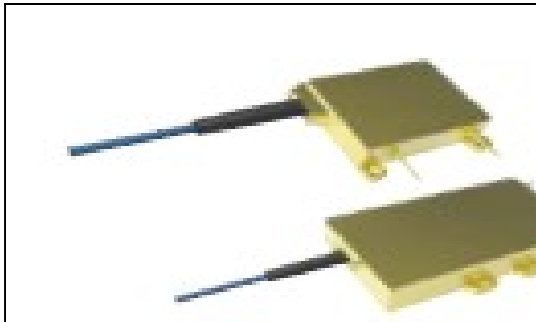
STW-LX-785-1500m-50M-H14-T-PD	785nm	1.5W	50um	14-Pin
STW-LX-785-002-M-H14-T-PD	785nm	2W	105um	14-Pin
STW-LX-785-003-M-H2	785nm	3W	105um	2-Pin
STW-LX-785-003-M-H9-T-PD	785nm	3W	105um	9-Pin
STW-LX-785-007-M-H2	785nm	7W	105um	2-Pin
STW-LX-785-007-M-H9-T-PD	785nm	7W	105um	9-Pin
STW-LP-808-150m-62M-PD	808nm	150mW	62.5um	Coaxial
STW-LX-808-150m-62M-H8-T-PD	808nm	150mW	62.5um	8-Pin
STW-LP-808-200m-M-PD	808nm	200mW	105um	Coaxial
STW-LX-808-200m-M-H8-T-PD	808nm	200mW	105um	8-Pin
STW-LP-808-300m-M-PD	808nm	300mW	105um	Coaxial
STW-LX-808-300m-M-H8-T-PD	808nm	300mW	105um	8-Pin
STW-LX-808-002-50M-H14-T-PD	808nm	2W	50um	14-Pin
STW-LX-808-002-M-H14-T-PD	808nm	2W	105um	14-Pin
STW-LX-808-004-M-H2	808nm	4W	105um	2-Pin
STW-LX-808-004-M-H9-T-PD	808nm	4W	105um	9-Pin
STW-LX-808-005-M-H2	808nm	5W	105um	2-Pin
STW-LX-808-008-M-H2	808nm	8W	105um	2-Pin
STW-LX-808-008-M-H9-T-PD	808nm	8W	105um	9-Pin
STW-LX-808-010-200M-H2	808nm	10W	200um	2-Pin
STW-LX-808-025-200M-HH2	808nm	25W	200um	2-Pin
STW-LP-830-150m-M-PD	830nm	150mW	105um	Coaxial
STW-LX-830-150m-M-H8-T-PD	830nm	150mW	105um	8-Pin
STW-LP-830-200m-M-PD	830nm	200mW	105um	Coaxial
STW-LX-830-200m-M-H8-T-PD	830nm	200mW	105um	8-Pin
STW-LX-830-001-50M-H2	830nm	1W	50um	2-Pin
STW-LX-830-002-50M-H2 (0.15)	830nm	2W	50um	2-Pin
STW-LX-830-002-50M-H14-T-PD	830nm	2W	50um	14-Pin
STW-LX-830-002-M-H14-T-PD	830nm	2W	105um	14-Pin
STW-LX-830-003-M-H2	830nm	3W	105um	2-Pin
STW-LP-850-050m-M-PD	850nm	50mW	105um	Coaxial
STW-LX-850-050m-M-H8-T-PD	850nm	50mW	105um	8-Pin
STW-LP-850-150m-M-PD	850nm	150mW	105um	Coaxial
STW-LX-850-150m-M-H8-T-PD	850nm	150mW	105um	8-Pin
STW-LP-850-200m-M-PD	850nm	200mW	105um	Coaxial
STW-LX-850-200m-M-H8-T-PD	850nm	200mW	105um	8-Pin
STW-LP-880-005m-M-PD	880nm	5mW	105um	Coaxial
STW-LX-880-005m-M-H8-T-PD	880nm	5mW	105um	8-Pin
STW-LX-880-002-M-H14-T-PD	880nm	2W	105um	14-Pin
STW-LX-880-003-M-H2	880nm	3W	105um	2-Pin
STW-LP-905-120m-M-PD	905nm	120mW	105um	Coaxial
STW-LX-905-120m-M-H8-T-PD	905nm	120mW	105um	8-Pin
STW-LP-905-150m-M-PD	905nm	150mW	105um	Coaxial
STW-LX-905-150m-M-H8-T-PD	905nm	150mW	105um	8-Pin
STW-LX-915-002-M-H14-T-PD	915nm	2W	105um	14-Pin
STW-LX-915-010-M-H2	915nm	10W	105um	2-Pin
STW-LX-915-010-M-H9-T-PD	915nm	10W	105um	9-Pin
STW-LX-915-020-M-HH2	915nm	20W	105um	2-Pin
STW-LX-915-030-M-HH2	915nm	30W	105um	2-Pin
STW-LX-915-055-M-HH2	915nm	55W	105um	2-Pin
STW-LP-940-200m-M-PD	940nm	200mW	105um	Coaxial
STW-LX-940-200m-M-H8-T-PD	940nm	200mW	105um	8-Pin
STW-LX-940-002-M-H14-T-PD	940nm	2W	105um	14-Pin
STW-LX-940-010-M-H2	940nm	10W	105um	2-Pin
STW-LX-940-010-M-H9-T-PD	940nm	10W	105um	9-Pin
STW-LX-940-020-M-HH2	940nm	20W	105um	2-Pin
STW-LX-940-030-M-HH2	940nm	30W	105um	2-Pin
STW-LP-980-100m-M-PD	980nm	100mw	105um	Coaxial
STW-LX-980-100m-M-H8-T-PD	980nm	100mW	105um	8-Pin
STW-LP-980-150m-M-PD	980nm	150mw	105um	Coaxial
STW-LX-980-150m-M-H8-T-PD	980nm	150mW	105um	8-Pin

STW-LX-980-002-M-H14-T-PD	980nm	2W	105um	14-Pin
STW-LX-980-010-M-H2	980nm	10W	105um	2-Pin
STW-LX-980-010-M-H9-T-PD	980nm	10W	105um	9-Pin
STW-LX-980-020-M-HH2	980nm	20W	105um	2-Pin
STW-LX-980-030-M-HH2	980nm	30W	105um	2-Pin
STW-LX-980-055-M-HH2	980nm	55W	105um	2-Pin
STW-LX-1064-001-M-H14-T-PD	1064nm	1W	105um	14-Pin
STW-LX-1064-008-M-H2	1064nm	8W	105um	2-Pin
STW-LX-1064-008-M-H9-T-PD	1064nm	8W	105um	9-Pin
STW-LX-1064-025-M-H2	1064nm	25W	105um	2-Pin
STW-LX-1310-001-M-H14-T-PD	1310nm	1W	105um	14-Pin
STW-LX-1310-001-M-H2	1310nm	1W	105um	2-Pin
STW-LX-1330-001-M-H14-T-PD	1310nm	1W	105um	14-Pin
STW-LX-1330-001-M-H2	1310nm	1W	105um	2-Pin
STW-LX-1450-002-M-H2	1450nm	2W	105um	2-Pin
STW-LX-1450-002-M-H9-T-PD	1450nm	2W	105um	9-Pin
STW-LX-1470-800m-M-H14-T-PD	1470nm	800mW	105um	14-Pin
STW-LX-1470-001-M-H2	1470nm	1W	105um	2-Pin
STW-LX-1470-2500m-M-H2	1470nm	2.5W	105um	2-Pin
STW-LX-1470-2500m-M-H9-T-PD	1470nm	2.5W	105um	9-Pin
STW-LX-1470-003-M-H2	1470nm	3W	105um	2-Pin
STW-LX-1470-003-M-H9-T-PD	1470nm	3W	105um	9-Pin
STW-LX-1490-002-M-H2	1490nm	2W	105um	2-Pin
STW-LX-1490-002-M-H9-T-PD	1490nm	2W	105um	9-Pin
STW-LX-1530-1500m-M-H2	1530nm	1.5W	105um	2-Pin
STW-LX-1530-1500m-M-H9-T-PD	1530nm	1.5W	105um	9-Pin
STW-LX-1550-1500m-M-H2	1550nm	1.5W	105um	2-Pin
STW-LX-1550-1500m-M-H9-T-PD	1550nm	1.5W	105um	9-Pin
STW-LX-1550-2500m-M-H2	1550nm	2.5W	105um	2-Pin
STW-LX-1550-2500m-M-H9-T-PD	1550nm	2.5W	105um	9-Pin
STW-LX-1570-1500m-M-H2	1570nm	1.5W	105um	2-Pin
STW-LX-1570-1500m-M-H9-T-PD	1570nm	1.5W	105um	9-Pin
STW-LX-1920-400m-M-H2	1920nm	400mW	105um	2-Pin

STCX Series Diode Lasers

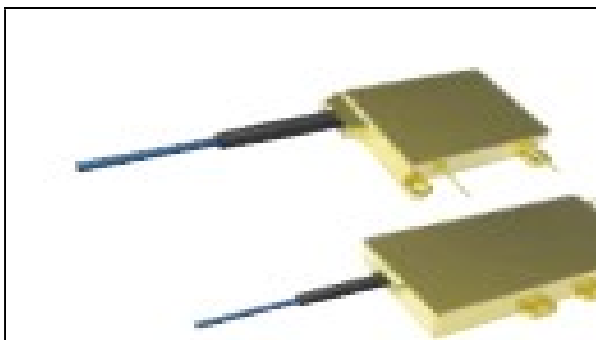
1. Fiber-coupled Diode Lasers

808nm Fiber-coupled Diode Laser Modules – M Series



Part Number		STCX-FC-808-025-400-3	STCX-FC-808-030-400-3	STCX-FC-808-050-400-3	STCX-FC-808-135-400-3
Optical					
Center Wavelength	nm	808	808	808	808
Wavelength Tolerance	nm	±3	±3	±3	±3
Output Power	W	25	30	50	135
Spectral Width (FWHM)	nm	2	2	2	3
Numerical Aperture	-	0.22	0.22	0.22	0.22
Fiber Core	µm	400	400	400	400
Fiber Connector	-	SMA905	SMA905	SMA905	SMA905
Fiber Length	m	1.2	1.2	1.2	1.2
Electrical					
Power Conversion Efficiency	%	45	45	45	43
Threshold Current	A	2.3	2.3	2.3	2.3
Operating Current	A	10.5	10	10.5	10
Operating Voltage	V	5.7	7.5	11.5	33.2
Thermal					
Operating Temperature	°C	0~25	0~25	0~25	0~25
Storage Temperature	°C	-40~60	-40~60	-40~60	-40~60
Wavelength Temp Coefficient	nm/°C	0.28	0.28	0.28	0.28
Others					
Anti Reflection Wavelength Range	nm	1030~1200	1030~1200	1030~1200	1030~1200
Reflection Efficiency	dB	>30	>30	>30	>30
Soldering Temperature	°C	260(10sec)	260 (10sec)	260 (10sec)	260 (10sec)

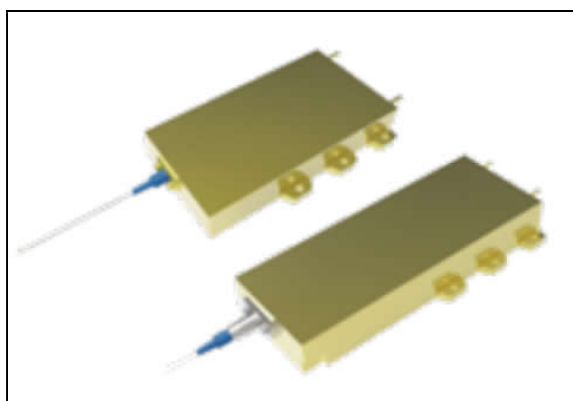
878.6nm VBG Fiber-coupled Diode Laser Modules – M Series



Part Number		STCX-FC-878-030-200/400-0.5	STCX-FC-878-065-200/400-0.5	STCX-FC-878-115-200/400-0.5	STCX-FC-878-075-200/400-0.5

Optical					
Center Wavelength	nm	878.6	878.6	878.6	878.6
Wavelength Tolerance	nm	±0.5	±0.5	±0.5	±0.5
Output Power	W	30	65	115	175
Spectral Width (FWHM)	nm	0.5	0.5	0.5	0.5
Numerical Aperture	-	0.22	0.22	0.22	0.22
Fiber Core	µm	200/400	200/400	200/400	200/400
Fiber Connector	-	SMA905	SMA905	SMA905	SMA905
Fiber Length	m	1.2	1.5	1.2	1.2
Electrical					
Power Conversion Efficiency	%	52	52	50	50
Threshold Current	A	1.4	1.4	1.4	1.4
Operating Current	A	13	13	13	13
Operating Voltage	V	5.1	9.7	18.8	28
Thermal					
Operating Temperature	°C	0~25	0~25	0~25	0~25
Storage Temperature	°C	-40~60	-40~60	-40~60	-40~60
Wavelength Temp Coefficient	nm/°C	0.01	0.01	0.01	0.01
Others					
Anti Reflection Wavelength Range	nm	1030~1200	1030~1200	1030~1200	1030~1200
Reflection Efficiency	dB	>30	>30	>30	>30
Soldering Temperature	°C	260 (10sec)	260 (10sec)	260 (10sec)	260 (10sec)

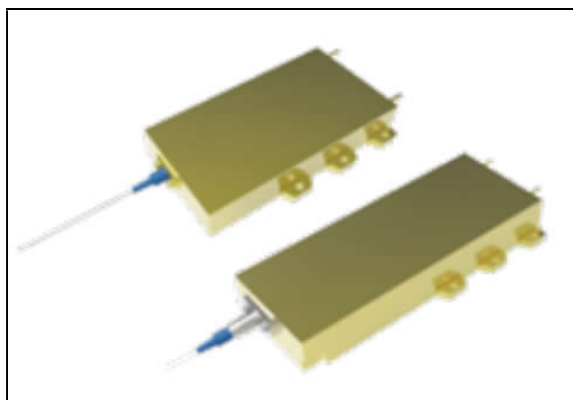
888nm Fiber-coupled Diode Laser Modules – M Series



Part Number		STCX-FC-888-065-200/400-0.5	STCX-FC-888-115-200/400-0.5	STCX-FC-888-175-200/400-0.5
Optical				
Center Wavelength	nm	888	888	888
Wavelength Tolerance	nm	±0.5	±0.5	±0.5
Output Power	W	65	115	175
Spectral Width (FWHM)	nm	0.3	0.3	0.3
Numerical Aperture	-	0.22	0.22	0.22
Fiber Core	µm	200/400	200/400	200/400
Fiber Connector	-	SMA905	SMA905	SMA905
Fiber Length	m	1.2	1.2	1.2
Electrical				
Power Conversion Efficiency	%	52	50	50
Threshold Current	A	1.4	1.4	1.4
Operating Current	A	14	13	14
Operating Voltage	V	9.5	20.5	30
Thermal				
Operating Temperature	°C	0~25	0~25	0~25
Storage Temperature	°C	-20-80	-20-80	-20-80
Wavelength Temp Coefficient	nm/°C	0.01	0.01	0.01

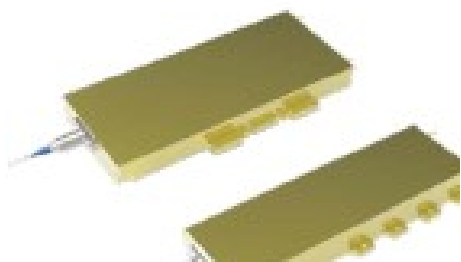
Others				
Anti Reflection Wavelength Range	nm	1030~1200	1030~1200	1030~1200
Reflection Efficiency	dB	>30	>30	>30
Soldering Temperature	°C	260(10sec)	260(10sec)	260(10sec)

915nm Fiber-coupled Diode Laser Modules – M Series



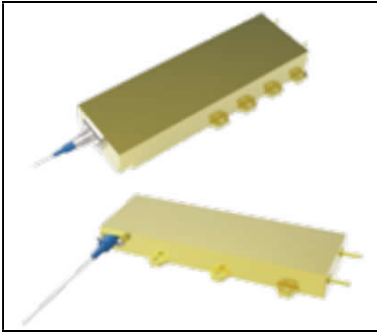
Part Number		STCX-FC-915-320-135-10	STCX-FC-915-380-200-10	STCX-FC-915-420-200-10	STCX-FC-915-500-200-10	STCX-FC-915-620-200-10
Optical						
Center Wavelength	nm	915	915	915	915	915
Wavelength Tolerance	nm	±10	±10	±10	±10	±10
Output Power	W	320	380	420	500	620
Spectral Width (FWHM)	nm	4.5	5	5	5	5
Numerical Aperture	-	0.16	0.16	0.16	0.17	0.175
Fiber Core	µm	135	200	200	200	200
Fiber Connector	-	Pigtail	Pigtail	Pigtail	Pigtail	Pigtail
Fiber Length	m	2	2	2	2	2
Electrical						
Power Conversion Efficiency	%	52	55	55	53	52
Threshold Current	A	1	1.2	1.2	1.2	1.2
Operating Current	A	20	25	25	25	25
Operating Voltage	V	30	31	34	40	30
Thermal						
Operating Temperature	°C	0~30	0~30	0~30	0~30	0~30
Storage Temperature	°C	-40~65	-40~65	-40~65	-40~65	-40~65
Wavelength Temp Coefficient	nm/°C	0.30	0.30	0.30	0.30	0.30
Others						
Anti Reflection Wavelength Range	nm	1040~1200	1040~1200	1040~1200	1040~1200	1040~1200
Reflection Efficiency	dB	30	30	30	30	30
Soldering Temperature	°C	260(10sec)	260(10sec)	260(10sec)	260(10sec)	260(10sec)

976nm Fiber-coupled Diode Laser Modules – M Series



Part Number		STCX-FC-976-065-105-3	STCX-FC-976-250-135-3	STCX-FC-976-320-200-3	STCX-FC-976-360-200-3
Optical					
Center Wavelength	nm	976	976	976	976
Wavelength Tolerance	nm	±3	±3	±3	±3
Output Power	W	65	250	320	360
Spectral Width (FWHM)	nm	4.5	4.5	4.5	4.5
Numerical Aperture	-	0.15	0.16	0.15	0.16
Fiber Core	μm	105	135	200	200
Fiber Connector	-	pigtail	pigtail	pigtail	pigtail
Fiber Length	m	2	2	2	2
Electrical					
Power Conversion Efficiency	%	53	52	52	53
Threshold Current	A	0.8	1	1.2	1.2
Operating Current	A	14	18	29	25
Operating Voltage	V	9	27.5	22	27.5
Thermal					
Operating Temperature	°C	0~30	0~30	0~30	0~30
Storage Temperature	°C	-40~60	-40~60	-40~60	-40~60
Wavelength Temp Coefficient	nm/°C	0.33	0.33	0.33	0.33
Others					
Anti Reflection Wavelength Range	nm	1040~1200	1040~1200	1040~1200	1040~1200
Reflection Efficiency	dB	30	30	30	30
Soldering Temperature	°C	260(10sec)	260(10sec)	260(10sec)	260(10sec)

Part Number		STCX-FC-976-420-200-3	STCX-FC-976-520-200-3	STCX-FC-976-540-200-3	STCX-FC-976-640-200-3
Optical					
Center Wavelength	nm	976	976	976	976
Wavelength Tolerance	nm	±3	±3	±3	±3
Output Power	W	420	520	540	640
Spectral Width (FWHM)	nm	4.5	4.5	4.5	4.5
Numerical Aperture	-	0.16	0.17	0.17	0.18
Fiber Core	μm	200	200	200	200
Fiber Connector	-	pigtail	pigtail	pigtail	pigtail
Fiber Length	m	2	2	2	2
Electrical					
Power Conversion Efficiency	%	52	53	53	50
Threshold Current	A	1.2	1.2	1.2	1.2
Operating Current	A	26	30	25	29
Operating Voltage	V	32	34	42	48
Thermal					
Operating Temperature	°C	0~30	0~30	0~30	0~30
Storage Temperature	°C	-40~60	-40~60	-40~60	-40~60
Wavelength Temp Coefficient	nm/°C	0.33	0.33	0.33	0.33
Others					
Anti Reflection Wavelength Range	nm	1040~1200	1040~1200	1040~1200	1040~1200
Reflection Efficiency	dB	30	30	30	30
Soldering Temperature	°C	260(10sec)	260(10sec)	260(10sec)	260(10sec)

976nm VBG Fiber-coupled Diode Laser Modules – MV Series


Part Number		STCX-FC-976-060-105-0.5	STCX-FC-976-130-105-0.5	STCX-FC-976-230-135-0.5	STCX-FC-976-250-135-0.5
Optical					
Center Wavelength	nm	976	976	976	976
Wavelength Tolerance	nm	±0.5	±0.5	±0.5	±0.5
Output Power	W	60	130	230	250
Spectral Width (FWHM)	nm	0.5	0.5	0.5	0.5
Numerical Aperture	-	0.15	0.15	0.16	0.17
Fiber Core	µm	105	105	135	135
Fiber Connector	-	pigtail	pigtail	pigtail	pigtail
Fiber Length	m	2	2	2	2
Electrical					
Power Conversion Efficiency	%	51	51	48	53
Threshold Current	A	0.6	0.6	1.2	0.6
Operating Current	A	14	14	18	16
Operating Voltage	V	9	20.5	27	30.5
Thermal					
Operating Temperature	°C	10~30	10~30	10~30	10~30
Storage Temperature	°C	-40~65	-40~65	-40~65	-40~65
Wavelength Temp Coefficient	nm/°C	0.02	0.02	0.02	0.02
Others					
Anti Reflection Wavelength Range	nm	1040~1200	1040~1200	1040~1200	1040~1200
Reflection Efficiency	dB	30	30	30	30
Soldering Temperature	°C	260(10sec)	260(10sec)	260(10sec)	260(10sec)

915/976nm Direct Diode Fiber-coupled Modules – M Series


Part Number		STCX-FC-915/976-100-200/400-20	STCX-FC-915/976-160-200/400-20	STCX-FC-915/976-200-200/400-20
Optical				
Center Wavelength	nm	915/976	915/976	915/976
Wavelength Tolerance	nm	±20	±20	±20
Output Power	W	100	160	200
Numerical Aperture	-	<0.2	<0.2	<0.2

Fiber Core	μm	200/400	200/400	200/400
Fiber Connector		SMA905	SMA905	SMA905
Fiber Protective Sleeve		5mm Armour	5mm Armour	5mm Armour
Fiber Length	m	5±0.1	5±0.1	5±0.1
Fiber Winding Diameter	mm	150	150	150
Electrical				
Power Conversion Efficiency	%	55	55	55
Threshold Current	A	1	1	1
Operating Current	A	<14	<16	<20
Operating Voltage/bar	V	<15	<20	<22
Thermal				
Operating Temperature	°C	0-40	0-40	0-40
Storage Temperature	°C	-20-80	-20-80	-20-80
Wavelength Temp Coefficient	nm/°C	0.32	0.32	0.32
Others				
Red Pointer Wavelength	nm	650	650	650
Input Current of Red Pointer	mA	20	20	20
Red Pointer Power	mW	>1	>1	>1
Thermistor Type	-	NTC 10KΩ	NTC 10KΩ	NTC 10KΩ
Soldering Temperature	°C	260 (10sec)	260 (10sec)	260 (10sec)
Reflection Laser Signal	-	Optional	Optional	Optional

2. STCX Series Turn-key Diode Laser Systems

(1) STCX-DDLM Series 100-1000W Turn-key Diode Laser Systems



Optical				
Center Wavelength	nm	915/976	915/976	915/976
Wavelength Tolerance	nm	±20	±20	±20
Output Power	W	100/150	30-150 (optional)	300
Output Power Unstability	%	1	3	3
Power Tunability	%	10-100	10-100	10-100
Fiber Core	μm	200	105/135/200/400	200
Numerical Aperture	-	0.22	0.22	0.22
Fiber Connector	-	SMA905	SMA905	QCS/QPSMA905
Fiber Length	m	5	5	5
Aiming Beam				
Indicator Wavelength	nm	650	650	650
Output Power	mW	≤2	≥2	≥2
Electrical				
Modulate Frequency	-	CW/Modulate	CW/Modulate	CW/Modulate
Operation Mode	Hz	1~10k	1~1k	1~1k
Input Voltage	-	220VAC±10% 50/60Hz	220VAC±10% 50/60Hz	220VAC±10% 50/60Hz
Input Current	A	<10	<10	<10
Thermal				
Operating Temperature	°C	5-40	5-40	5-40
Storage Temperature	°C	-25-55	-25-55	-25-55
Environmental Humidity	-	Max70%@25°C	Max70%@25°C	Max70%@25°C
Cooling System	-	Air Cooling(TEC)	Water Cooling (TEC)	Water Cooling (TEC)
Others				
Dimension	mm	490 X 484 X 133	556 X 460 X 133	696.5 X 448 X 140

Optical			
Center Wavelength	nm	976	976
Wavelength Tolerance	nm	±20	±20
Output Power	W	200/300/400/500	1000
Output Power Unstability	%	1	3
Power Tunability	%	10-100	100-1000
Fiber Core	μm	200	200
Numerical Aperture	-	0.22	0.22
Fiber Connector	-	QBH	QBH
Fiber Length	m	5	5
Aiming Beam			
Indicator Wavelength	nm	650	650
Output Power	mW	≥2	≥2
Electrical			
Modulate Frequency	-	CW/Modulate	Modulate
Operation Mode	Hz	1~10k	1~200
Input Voltage	-	220VAC±10% 50/60Hz	220VAC±10% 50/60Hz
Input Current	A	<10	<10
Thermal			
Operating Temperature	°C	5-40	5-40
Storage Temperature	°C	-25-55	-25-55
Environmental Humidity	-	Max70%@25°C	Max70%@25°C
Cooling System	-	Water Cooling	Water Cooling
Others			
Dimension	mm	550 X 484 X 133	550 X 484 X 133

(2) STCX-DDLF Series 2000-4000W Turn-key Diode Laser Systems



Optical				
Center Wavelength	nm	976±20 (915 optional)	976±20 (915 optional)	976±20 (915 optional)
Output Power	W	2000	3000	4000
Output Power Unstability	%	≤3	≤3	≤3
Power Tunability	%	10-100	10-100	10-100
Fiber Core	μm	400/600/800	400/600/800	600
Numerical Aperture	-	0.22	0.22	0.22
Fiber Connector	-	QBH	QBH	QBH
Fiber Length	m	10/20 (optional)	10/20 (optional)	10/20 (optional)
Aiming Beam				
Indicator Wavelength	nm	650	650	650
Output Power	mW	2	2	2
Electrical				
Operation Mode	-	CW	CW	CW
Modulation Frequency		100	100	100
Input Voltage	-	380VAC±10% 50/60Hz	380VAC±10% 50/60Hz	380VAC±10% 50/60Hz
Input Power	kW	4.6	6.9	9.2
Thermal				
Operating Temperature	°C	5-40	5-40	5-40
Storage Temperature	°C	-25-55	-25-55	-25-55
Environmental Humidity	-	70%@25°C	70%@25°C	70%@25°C

Cooling System	-	Water Cooling	Water Cooling	Water Cooling
Others				
Dimension	mm	945 x 470 x138	945 x 470 x138	945 x 470 x138

(3) STCX-DDLF Series 4000-6000W Turn-key Diode Laser Systems

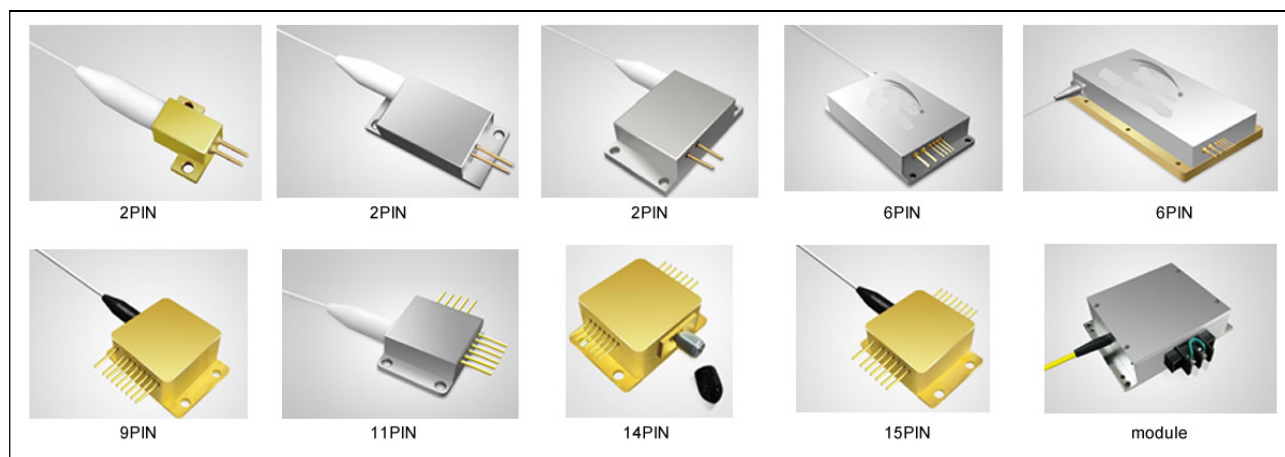


Optical			
Center Wavelength	nm	976	976
Output Power	W	4000	6000
Output Power Unstability	%	≤3	≤3
Power Tunability	%	10-100	10-100
Fiber Core	μm	600/1000	600/1000
Numerical Aperture	-	0.22	0.22
Fiber Connector	-	QBH	QBH
Fiber Length	m	10/20(Optional)	10/20(Optional)
Aiming Beam			
Indicator Wavelength	nm	650	650
Output Power	mW	≥1	≥1
Electrical			
Operation Mode	-	CW	CW
Input Voltage	-	380VAC±10% 50/60Hz	380VAC±10% 50/60Hz
Input Power	W	10000	14000
Thermal			
Operating Temperature	°C	5-40	5-40
Storage Temperature	°C	-25-55	-25-55
Environmental Humidity	-	70%@25°C	70%@25°C
Cooling System	-	Water Cooling	Water Cooling
Others			
Dimension	mm	889 x 803 x 789	889 x 803 x 789

STK Series Fiber Coupled Laser Diodes

1. STK Series Fiber Coupled Laser Diodes

Our STK series fiber-coupled laser diodes can be divided into two categories: single emitter laser diodes and multi-single emitter laser diodes.



1.1 Single Emitter Laser Diodes

Single emitter laser diodes can provide multi-wavelength covering 405nm to 976nm, output power from 2mW to 10W. Mainly used in the area of fiber laser pumping, computer to plate(CTP), DPSS laser pumping, medical use, aiming beam, industry etc. For different application, varieties of packages with optional functions of aiming beam, photo detector, TEC, fiber detector, thermistor and other functions are available.

1.2 Multi-single Emitter Laser Diodes

Multiple single emitter laser diodes build upon the foundation of multi-emitter coupling technology, to obtain high power and high brightness diode laser. Varieties of packages with optional functions of aiming beam, photo detector, TEC, fiber detector, thermistor and other functions are available. Multi single emitter laser diodes have great advantages in high reliability and high performance. In multi-single emitter laser diodes, we have patented many improved optical designs. And these compact packages and commercially recognized formats allow easy integration into the existing products. Multi single emitter diode lasers include wavelengths from 635nm-1064nm, output power from 1.6W-350W.

405nm	450nm	520nm	635nm	785nm	793nm	808nm	
160mW	800mW 3W 20W 50W 200W	2mW 5mW 10mW	2mW 20mW 400mW 1.8W 5W	600mW	4W 8W 12W 16W 30W 50W 80W 140W 180W	4W 8W 10W 15W 20W 25W 30W 40W 55W 60W 70W 150W	
830nm	878.6nm	888nm	915nm	940nm	976nm	976nm wavelength stabilized	1064nm
600mW 1W 2W	30W 65W 80W 120W 175W	80W 120W	10W 12W 30W 35W 70W 100W 130W 160W	10W 20W 70W 150W 200W 500W	10W 15W 20W 70W 150W 200W 300W 500W	3W 9W 18W 27W 50W 60W 100W 130W	10W 15W 20W

		180W 300W 500W		140W 180W	
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1.3 Multi-wavelength Fiber-coupled Laser Diodes

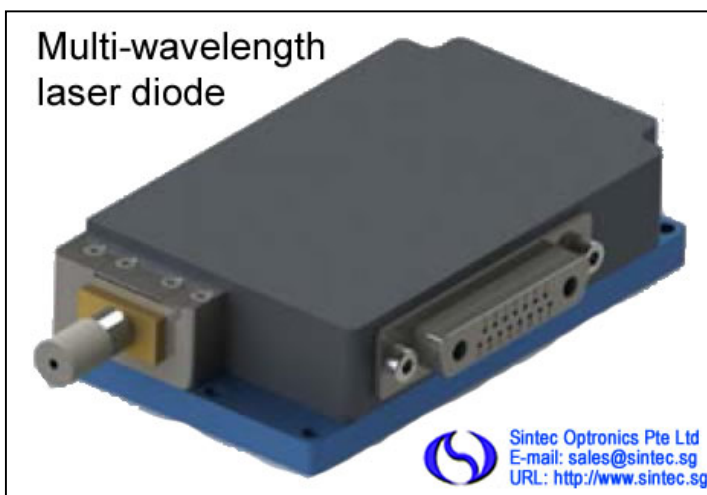
Features:

- Multiple wavelength
- Multiple function
- 200um fiber detachable

Applications:

- Medical use

Our High Power Diode Laser Modules are manufactured by adopting specialized fiber-coupling techniques, resulting in volume products with a high efficiency, stability and superior beam quality. The products are achieved by transforming the asymmetric radiation from the laser diode chip into an output fiber with small core diameter by using special micro optics. Inspecting and burn-in procedures in every aspect come to a result to guarantee each product with the reliability, stability and long lifetime.



Our research staffs are constantly improving and innovating the processing technology in the producing process, based on the professional knowledge and experience accumulated in long-terms. We are also continuously developing new products to meet customers' specific needs.

To provide high quality products with reasonable price is our always goal.

List of Multi-wavelength Laser Diodes

Part number	Wavelength (nm)	Laser power (W)	Fiber (core/NA/connector)
STKA060D100F003G050ML	808/980/450/635nm	6W/10W/5W/0.3W	200µm/0.22/SMA905
STKA250D150F006G050MH	808/980/450/635nm	25W/15W/5W/0.6W	200µm/0.22/SMA905
STKA060D100E060F003ML	808/980/1064/635nm	6W/10W/6W/0.3W	200µm/0.22/SMA905
STKA250D150E100F006MH	808/980/1064/635nm	25W/15W/10W/0.6W	200µm/0.22/SMA905

OPERATING NOTES

- Avoid eye and skin exposure to direct radiation during operation.
- ESD precautions must be taken during storage, transportation and operation.
- Short-circuit is required between pins during storage and transportation.
- Please connect pins to wires by solder instead of using socket when operation current is higher than 6A. Soldering point should be close to the root of the pins. Soldering temperature should be lower than 260°C and time shorter than 10 second.
- Make sure the fiber output end is properly cleaned before operation of laser. Follow safety protocols to avoid injury when handling and cutting the fiber.
- Use constant current power supply to avoid surge current during operation.
- Laser diode must be used according to the specifications.
- Laser diode must work with good cooling.
- Operation temperature ranges from 15°C to 35°C.
- Storage temperature ranges from -20°C to +70°C.

1.4 List of Fiber-coupled Laser Diodes

Wavelength	Power	Fiber	Package	Type
405nm	160mW	40µm/0.22	Coaxial	
450nm	800mW	105µm/0.22	14 pin Butterfly	
520nm	2mW	4µm/0.13	Coaxial	
520nm	5mW	4µm/0.13	Coaxial	
520nm	10mW	105µm/0.22	Coaxial	
635nm	2mW-20mW	4µm/0.13	Coaxial	Single Emitter, SM

635nm	5mW-50mW	105µm/0.22	Coaxial	Single Emitter, MM
635nm	400mW	105µm/0.22	Coaxial	Single Emitter, MM
635nm	1.8W	105µm/0.22	16 pin	Multi-single Emitter, MM
635nm	5W	105µm/0.22	8pin module	Multi-single Emitter, MM
650nm	2mW	4µm/0.13	Coaxial	Single Emitter, SM
650nm	4mW	105µm/0.22	Coaxial	Single Emitter, MM
660nm	5mW-30mW	4µm/0.13	Coaxial	Single Emitter, MM
660nm	10mW-60mW	105µm/0.22	Coaxial	Single Emitter, MM
785nm	600mW	105µm/0.22	14 pin butterfly	Wavelength stabilized
793nm	4W	105µm/0.22	2 pin	
793nm	8W	105µm/0.22	2 pin module	
793nm	12W	105µm/0.22	2pin module	
793nm	15W	105µm/0.22	4pin module	
793nm	30W	105µm/0.22	6pin module	
793nm	40W	200µm/0.22	2pin module	
793nm	55W	105µm/0.22	6pin module	
793nm	80W	200µm/0.22	6pin module	
793nm	140W	200µm/0.22	2pin	
793nm	180W	200µm/0.22	2pin	
808nm	4W	105µm/ 0.22	6pin	Single Emitter
808nm	4W	105µm/ 0.22	11pin	Single Emitter
808nm	4W	400µm/0.22	11pin (Detachable)	Single Emitter
808nm	7W	200µm/0.22	15pin	Single Emitter
808nm	7W	200µm/0.22	14pin (Detachable)	Single Emitter
808nm	8W	200µm/0.22	15pin	Single Emitter
808nm	8W	200µm/400µm/0.22	14pin (Detachable)	Single Emitter
808nm	13W	200µm/0.22	15pin	Multi-single Emitter
808nm	15W	200µm/0.22	15pin	Multi-single Emitter
808nm	15W-20W	200µm/0.22	4pin	Multi-single Emitter
808nm	30W	400µm/0.22	4pin	Multi-single Emitter
808nm	35W	105µm/0.22	6pin	Multi-single Emitter
808nm	40W	400µm/0.22	6pin	Multi-single Emitter
808nm	50W	400µm/0.22	6pin	Multi-single Emitter
808nm	60W	400µm/0.22	6pin	Multi-single Emitter
808nm	60W	105µm/0.22	6pin	Multi-single Emitter
808nm	100W	200µm/0.22	6pin	Multi-single Emitter
808nm	6W,8W,10W, 15W	400µm/0.22	module	Fiber-bundled module
830nm	1W	50µm/0.14	2pin	
830nm	2W	50µm/0.14	2pin	
878.6nm	30W	400µm/0.22		
878.6nm	65W	400µm/0.22		
878.6nm	80W	400µm/0.22		
878.6nm	120W	400µm/0.22		
878.6nm	175W	400µm/0.22		
888nm	80W	400µm/0.22	module	Fiber-bundled module
888nm	120W	400µm/0.22	module	Fiber-bundled module
915nm	11W	105µm/0.22	2pin	Single Emitter
915nm	20W	105µm/0.22	2pin	Multi-single Emitter
915nm	25W	105µm/0.15	2pin	Multi-single Emitter
915nm	30W	105µm/0.22	2pin	Multi-single Emitter
915nm	65W	105µm/0.15	2pin	Multi-single Emitter
915nm	70W	105µm/0.22	6pin	Multi-single Emitter
915nm	110W	105µm/0.15	6pin	Multi-single Emitter
915nm	150W	105µm/0.22	6pin	Multi-single Emitter
915nm	158W	105µm/0.22	6pin	Multi-single Emitter
915nm	200W	200µm/0.22	6pin	Multi-single Emitter
940nm	11W	105µm/0.22	2pin	Multi-single Emitter
940nm	20W	105µm/0.22	2pin	Multi-single Emitter
940nm	25W	105µm/0.15	2pin	Multi-single Emitter
940nm	30W	105µm/0.22	2pin	Multi-single Emitter
940nm	70W	105µm/0.22	6pin	Multi-single Emitter
940nm	200W	200µm/0.22	6pin	Multi-single Emitter
940nm	18W	275µm/0.22	module	Fiber-bundled Modules
965nm	11W	105µm/0.22	2pin	Single emitter
965nm	20W	105µm/0.22	2pin	Multi-single Emitter
965nm	25W	105µm/0.15	2pin	Multi-single Emitter
965nm	30W	105µm/0.22	2pin	Multi-single Emitter

965nm	70W	105µm/0.22	6pin	Multi-single Emitter
965nm	200W	200µm/0.22	6pin	Multi-single Emitter
976nm	4W	105µm/0.22	6 pin	Single emitter
976nm	4W	105µm/0.22	9pin	Single emitter
976nm	4W	200µm/0.22	9 pin (Detachable)	Single emitter
976nm	4W	105µm/0.22	11 pin	Single emitter
976nm	4W	200µm/0.22	11pin (Detachable)	Single emitter
976nm	10W	105µm/0.22	11 pin	Single emitter
976nm	10W	200µm/0.22	11 pin (Detachable)	Single emitter
976nm	10W	105µm/0.22	15 pin	Single emitter
976nm	10W	200µm/0.22	14 pin (Detachable)	Single emitter
976nm	10W	200µm/0.22	AT (Detachable)	Single emitter
976nm	11W	105µm/0.22	2pin	Single emitter
976nm	20W	105µm/0.22	2pin	Multi-single Emitter
976nm	25W	105µm/0.15	2pin	Multi-single Emitter
976nm	30W	105µm/0.22	2pin	Multi-single Emitter
976nm	60W	105µm/0.15	2pin	Multi-single Emitter
976nm	70W	105µm/0.22	6pin	Multi-single Emitter
976nm	200W	200µm/0.22	6pin	Multi-single Emitter
976nm	3W	105µm/0.22	2pin	Wavelength stabilized series
976nm	9W	105µm/0.22	2pin	Wavelength stabilized series
976nm	18W	105µm/0.22	2pin	Wavelength stabilized series
976nm	27W	105µm/0.22	4pin	Wavelength stabilized series
976nm	50W	105µm/0.15	6pin	Wavelength stabilized series
976nm	60W	105µm/0.22	6pin	Wavelength stabilized series
976nm	80W	105µm/0.15	6pin	Wavelength stabilized series
976nm	85W	105µm/0.22	6pin	Wavelength stabilized series
976nm	180W	200µm/0.22	6pin	Wavelength stabilized series
976nm	10W,15W	400µm/0.22	module	Fiber-Bundled Module
976nm	980/808/15W	400µm/0.22	15pin	Double Wavelength series
1064nm	10W-20W	200µm/400µm/0.22	15pin	

Ordering Information: STK-XXX-Y-ZZ-A-PPPPW-CC

STK – STK series laser diodes

XXX – laser wavelength, such as 405nm, 808nm,....

Y – S with pilot beam; D without pilot beam

ZZ – package, 01 means 2PIN, 03 means co-axial, 06 means 6PIN, 14 means 14PIN, 15 means 15PIN

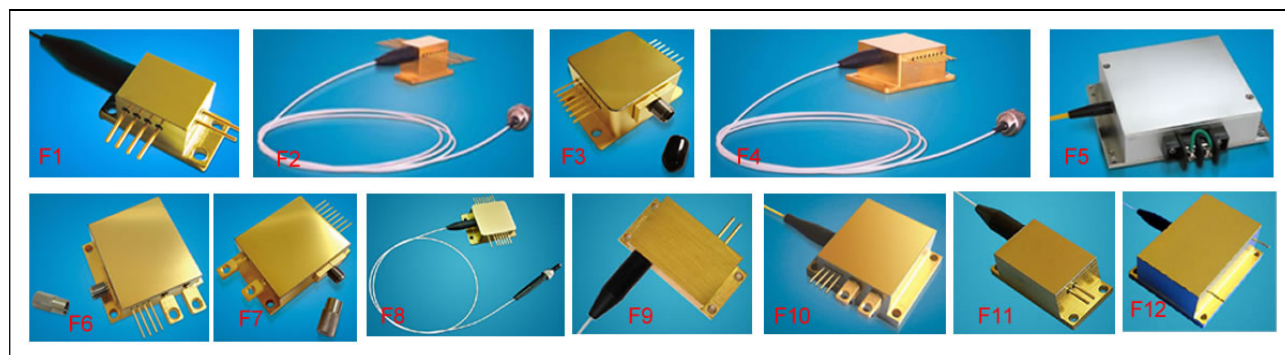
A – output method, F means fiber, C means insert, W means window, M means module

PPPP -- output laser power

CC - others

For example, STK808D06F-2.00W, fiber coupled laser diode with 808nm wavelength, 6PIN package, 2W output.

Details of STK Series Fiber-coupled Diode Lasers



808nm Diode Lasers

Part Number		STK808S06F-2W	STK808S14F-2W	STK808D14C-2W-FS	STK808D06F-2W
Optical Parameter	Laser power(W)	2	2	2	2
	Wavelength(nm)	808	808	808	808
	Tolerance(nm)	±3, ±10	±3, ±10	±3, ±10	±3, ±10
	Spectral width(nm)	<3	<3	<3	<3

	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	105, 200	105	200	105, 200
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	2.5	2.5	2.5	2.5
	Threshold current(A)	0.4	0.4	0.4	0.4
	Operation voltage(V)	1.9	1.9	1.8	1.9
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>10,000	>10,000
	Dimension(mm)	26x12.7x12.5	30x12.7x14.8	44.5x31.8x18	26x12.7x12.5
	Outlook	Fig. 1	Fig. 2	Fig. 3	Fig. 1
TEC Parameter	Max. current(A)		2.2	4	
	Max. voltage(V)		8.7	9.8	
Pilot beam				Yes	Yes

Part Number		STK808S06F-4W	STK808D14C-4W-FS	STK808S09F-4W	STK808D06F-4W
Optical Parameter	Laser power(W)	4	4	4	4
	Wavelength(nm)	808	808	808	808
	Tolerance(nm)	±3, ±10	±3, ±10	±3, ±10	±3, ±10
	Spectral width(nm)	<3	<3	<3	<3
	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	105, 200	200	105, 200	105, 200
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	5	5	5	5
	Threshold current(A)	0.8	0.8	0.8	0.8
	Operation voltage(V)	1.9	2.1	1.9	1.9
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>10,000	>10,000
	Dimension(mm)	26x12.7x12.5	44.5x31.8x18	44.5x31.8x18	26x12.7x12.5
	Outlook	Fig. 1	Fig. 2	Fig. 4	Fig. 1
TEC Parameter	Max. current(A)		4	4	4
	Max. voltage(V)		9.8	9.8	9.8
Pilot beam			Yes		Yes

Part Number		STK808D14C-8W-FS	STK808S09F-8W	STK808D15F-8W	STK808S02M-10W
Optical Parameter	Laser power(W)	8	8	8	10
	Wavelength(nm)	808	808	808	808
	Tolerance(nm)	±3, ±10	±3, ±10	±3, ±10	±10
	Spectral width(nm)	<3	<3	<3	
	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	200	200, 400	200, 400	375
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	10	10	10	2.6
	Threshold current(A)	1.5	1.5	1.5	0.4
	Operation voltage(V)	2.2	2.2	2.18	10
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>10,000	>10,000
	Dimension(mm)	44.5x31.8x18	44.5x31.8x18	44.5x31.8x18	123x80x25
	Outlook	Fig. 3	Fig. 4	Fig. 8	Fig. 5

TEC	Max. current(A)	6	6	6	
Parameter	Max. voltage(V)	9.8	9.8	9.8	
Pilot beam		Yes		Yes	

Part Number		STK808S02M-15W	STK808SABC-15W	STK808SABC-30W	STK808DANC-30W-FS
Optical Parameter	Laser power(W)	15	15	30	30
	Wavelength(nm)	808	808	808	808
	Tolerance(nm)	±10	±3	±3	±3, ±10
	Spectral width(nm)		<3	<3	<3
	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	375	400	400	400
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	3	9	9.5	10
	Threshold current(A)	0.4	1.2	1.2	1.2
	Operation voltage(V)	14	3.8	7.8	7.8
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>10,000	>10,000
	Dimension(mm)	123x80x25	47x40x20	47x40x20	52x35x20
	Outlook	Fig. 5	Fig. 6	Fig. 6	Fig. 7
Pilot beam				Yes	

Specifications of Pilot Beam

Laser power(mW)	>2
Laser wavelength(nm)	650
Operation voltage(V)	2.2
Operation current(mA)	<30

9XXnm Diode Lasers

Part Number		SYK976S06F-3W	SYK976S14F-3W	SYK976SA2F-9W-R-G	SYK976D14C-10W-FS
Optical Parameter	Laser power(W)	3	3	9	10
	Wavelength(nm)	976	976	976	976
	Tolerance(nm)	±3, ±10	±3, ±10	±0.5	±3, ±10
	Spectral width(nm)	<3	<3	<0.5	<3
	Temperature drift (nm/K)	0.3	0.3	0.02	0.3
Fiber Data	Core dia.(um)	105, 200	105	105	200
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	4	3.8	11.5	12
	Threshold current(A)	0.4	0.4	0.6	0.5
	Operation voltage(V)	1.8	1.8	1.8	1.9
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>100,000	>10,000
	Dimension(mm)	30x12.7x14.8	30x12.7x14.8	26x12.7x12.5	44.5x31.8x18
	Outlook	Fig. 1	Fig. 2	Fig. 11	Fig. 3
TEC Parameter	Max. current(A)		2.2		6
	Max. voltage(V)		8.7		9.8
Pilot beam					Yes

Part Number		SYK976S09F-10W	SYK976D15F-10W	SYK976S02M-10W	SYK976S02M-15W
Optical Parameter	Laser power(W)	10	10	10	15
	Wavelength(nm)	976	976	976	976

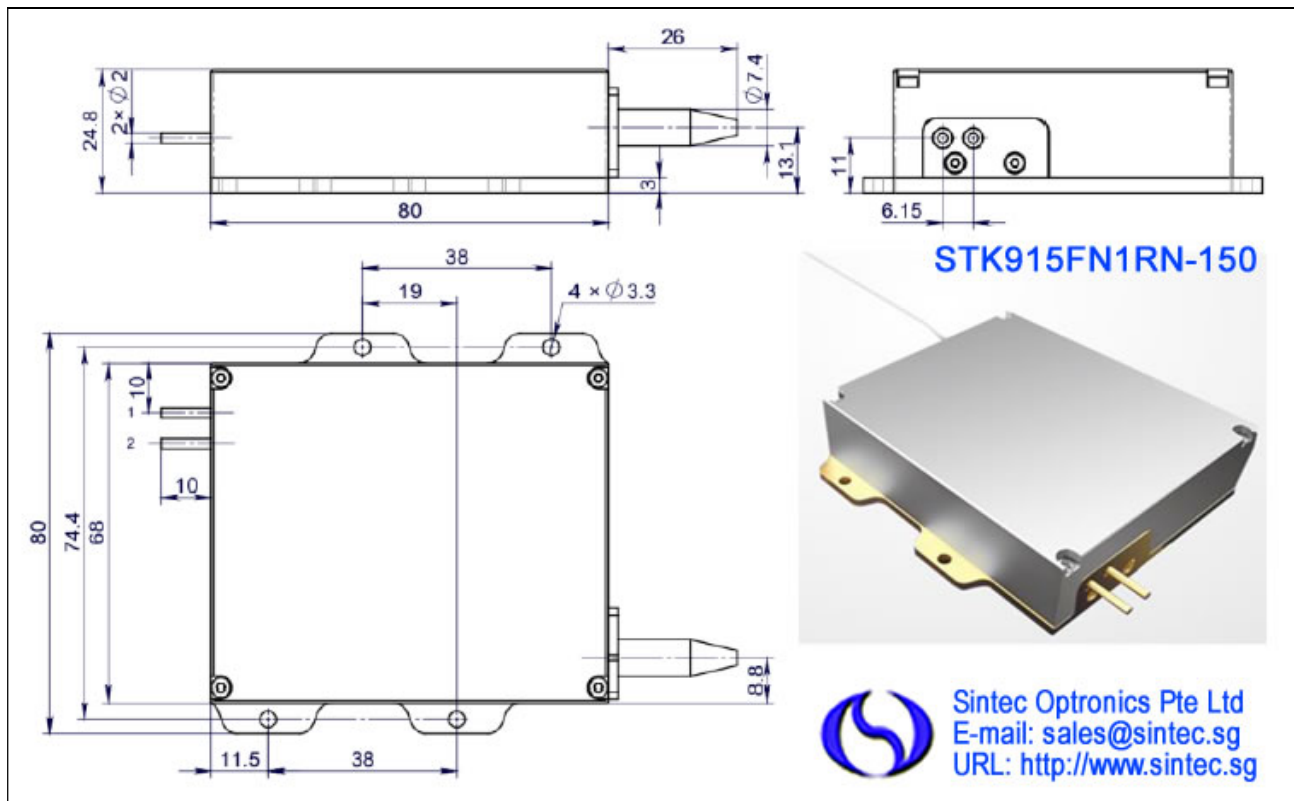
	Tolerance(nm)	$\pm 3, \pm 10$	$\pm 3, \pm 10$	± 10	± 10
	Spectral width(nm)	<3	<3		
	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	105, 200	105, 200	375	375
	NA	0.22	0.22	0.22	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	12	12	3.6	3.8
	Threshold current(A)	0.5	0.5	0.3	0.3
	Operation voltage(V)	1.9	1.9	6	10
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>10,000	>10,000	>10,000	>10,000
	Dimension(mm)	44.5x31.8x18	44.5x31.8x18	123x80x25	123x80x25
	Outlook	Fig. 4	Fig. 8	Fig. 5	Fig. 5
TEC Parameter	Max. current(A)	6	6		
	Max. voltage(V)	9.8	9.8		
Pilot beam			Yes		

Part Number		SYK976SABF-25W-R-G	SYK9XXSA3F-25W-R	STK9XXSA3F-30W-R	STK9XXDANC-30W-FS
Optical Parameter	Laser power(W)	25	25	30	30
	Wavelength(nm)	976	915,940,976	915,940,976	915,940,976
	Tolerance(nm)	± 0.5	$\pm 3, \pm 10$	$\pm 3, \pm 10$	$\pm 3, \pm 10$
	Spectral width(nm)	<0.5	<5	<5	<3
	Temperature drift (nm/K)	0.02	0.3	0.3	0.3
Fiber Data	Core dia.(um)	105	105	105	200
	NA	0.22	0.15	0.15	0.22
	Connector	SMA905	SMA905	SMA905	SMA905
Electrical Parameter	Operation(A)	11	10	12	9.5
	Threshold current(A)	0.6	0.5	0.5	0.5
	Operation voltage(V)	5.4	5.4	5.4	7
Others	Operation temp.(°C)	10-30	10-30	10-30	10-30
	Store temp.(°C)	-20+80	-20+80	-20+80	-20+80
	Life(hours)	>100,000	>100,000	>100,000	>10,000
	Dimension(mm)	47x42x20	42x25x17	42x25x17	52x35x20
	Outlook	Fig. 10	Fig. 9	Fig. 9	Fig. 7
Pilot beam				Yes	

Part Number		STK940SG3-50W-R	STK976SG3-50W-R	STK915FN1RN-150	STK915FN1RN-180
Optical Parameter	Laser power(W)	50	150	50	180
	Wavelength(nm)	940	915	976	915
	Tolerance(nm)	± 0.5	± 10	$\pm 3, \pm 10$	± 10
	Spectral width(nm)	<0.5	<6	<5	<6
	Temperature drift (nm/K)	0.3	0.3	0.3	0.3
Fiber Data	Core dia.(um)	105	106.5	105	106.5
	NA	0.22	0.22	0.15	0.22
	Connector	SMA905	--	SMA905	--
Electrical Parameter	Operation(A)	12	22.8	12	17
	Threshold current(A)	0.5	1.1	0.5	1.2
	Operation voltage(V)	10.8	14	10.8	23
Others	Operation temp.(°C)	10-30	15-35	10-30	15-35
	Store temp.(°C)	-20+80	-20+70	-20+80	-20+70
	Dimension(mm)	60x50x25	80x80x24.8	60x50x25	80x80x24.8
	Outlook	Fig. 12		Fig. 12	

Specifications of Pilot Beam

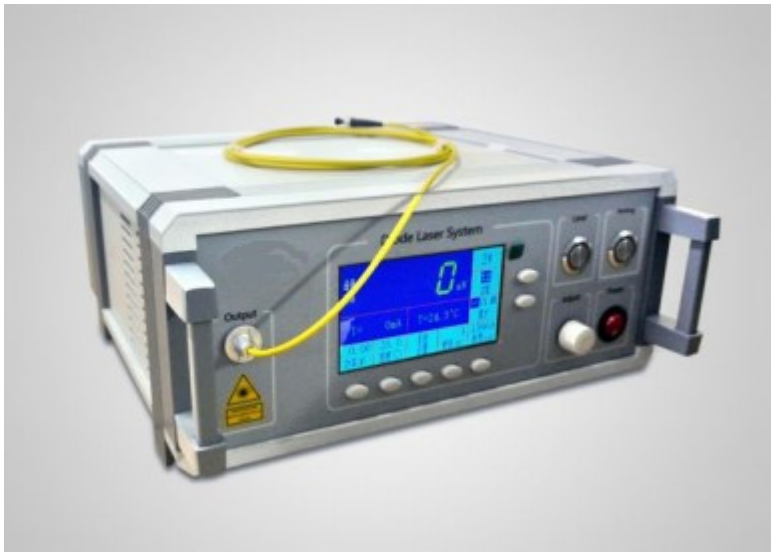
Laser power(mW)	>2
Laser wavelength(nm)	650
Operation voltage(V)	2.2
Operation current(mA)	<30



Part number	STK915/940/976/981-500
Output Laser Power	500W
Laser Wavelength	915 or 940 or 976 or 981nm
Output Fiber Core Diameter	220/300µm
Fiber Cable Length	10 m
Output Connector	QBH
Red Pilot	Red
Red Pilot Beam Power	>0.5mW
Operation Mode	Continuous or Modulation
Polarization	Random
Power Stability @25C	<3% (2h)
Power Adjustment Range	10-100%
Max Modulation Frequency	5kHz
Power Input	220±20VAC, 50/60Hz, PE
Power Consumption	1.5kW
Control Interface	RS-232/AD
Required Min. Cooling Capacity	1.5kW
Cooling Water Temperature	20-30°C
Storage Temp	-10-+60°C
Working Temp	10-40°C
Relative Humidity	10% -70%
Cooling Tubes Outside Dia.	16mm
Cooling Water Flux	>5L/min
QBH Cooling Water Flux	1.5-2.0L/min

2. STK Series Fiber Coupled Diode Lasers Rack Mounted Systems

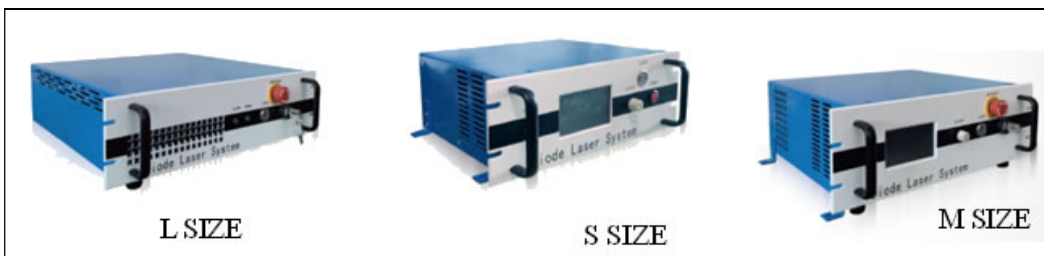
We offer diode laser rack mounted subsystems ranging from wavelength 450nm to 1550nm and the output can be up to 300 watt. The system can integrate several functions upon customizable request. Compact and operate-friendly designs make it very easy to use. To meet customer's specific demanding and provide high quality products and laser solutions are our eternal pursuit.



Wavelength	Power	Fiber
635nm	400mW	105µm,200µm,400µm, 0.22
808nm	2mW-300W Customizable	105µm,200µm,400µm, 0.22
915nm	2mW-300W Customizable	105,200µm,400µm, 0.22
980nm	2mW-300W Customizable	105µm,200µm,400µm, 0.22

3. STK-DS3 Fiber-coupled Diode Laser Systems

We are providing diode laser, fiber laser, ultra-fast laser products and solutions to global customers. The company pursues continuous innovation and insists on autonomous and controllable advanced process and technology. Up to now, we have sold more than 10 million lasers worldwide and covered more than 70 countries and regions. The applications involved industry, medical, commercial, scientific research, information and many other fields.



Features:

- 9XXnm wavelength or Customized
- 1W~400W output power
- 105/135/200/400µm core diameter
- 0.22NA
- Multiple optional cabinet size

Applications:

- Plastic welding
- 3D Printing
- Soldering

Specifications (25°C)		Unit	STK-DS3-X ⁽¹⁾ -LD
Optical Data ⁽²⁾	CW Output Power	W	1~400
	Central wavelength	nm	9XX or Customized
	Spectral width(FWHM)	nm	±10 / Customized
	Wavelength shift with temperature	nm	≤6

	Output power instability (25°C)	%	±3 (5 hours)
	Power Range	%	10~100
Fiber Data ⁽²⁾	Core diameter	μm	105/135/200/400
	Numeric aperture	-	0.22
	Fiber length	m	2 / Customized
	Fiber termination	-	SMA905 / Customized
Electrical Data	Power supply	V	100~240 (50-60Hz)
	Power consumption	W	<1200
	Drive mode	-	Constant current
	Emission mode	-	CW or Modulated 1 Hz to 20kHz,
	Control mode	-	Touch screen, RS232, I/O
	Modulation frequency	Hz	1~20K (DC>0.01%)
	Modulation Pulse Width	-	20μs -950ms (Pulse)/20μs-999ms (Single Pulse)
	Modulation Rise/Fall Time (Min. Value)	μs	≤10
	Current	A	<12
Aiming Beam Data ⁽³⁾	Central wavelength	nm	635±10nm
	CW Output Power	mW	2
Mechanical	Dimensions (L×W×H) ⁽⁴⁾	mm	S size: 260x360x125 M size: 340x438x145 L size: 430x482x130
	Weight	kg	<15
Others	Cooling method	-	Air cooling/Water-cooling
	Storage temperature ⁽⁵⁾	°C	5~50
	Temperature Ambient in Operation ⁽⁵⁾	°C	15~30
	Cooling requirement	-	Air cooling: Internal fan, At least 10 cm space outside fan Water cooling: temperature 20 °C - 25 °C Quick coupling: 2* Φ 12 water inlet and outlet interface Circulating water pressure 0.25MPa, Circulating water flow 7L / min
	Relative Humidity	%	5~80
	Safety class	-	4 (EN 60825-01)

(1) x=2 means air cooling, x=4 means water cooling; Lasers of 300W and above are all water-cooled. In the part number STK-DS3-X-LD, LD is the part number of STK series fiber-coupled diode lasers used in the laser system.

(2) Consult us for other available options. In fact, the optical, fiber and electrical parameters more depend on the diode laser matched. All STK series diode lasers can be used in the laser systems.

(3) The aiming beam can be customized according to customer requirements.

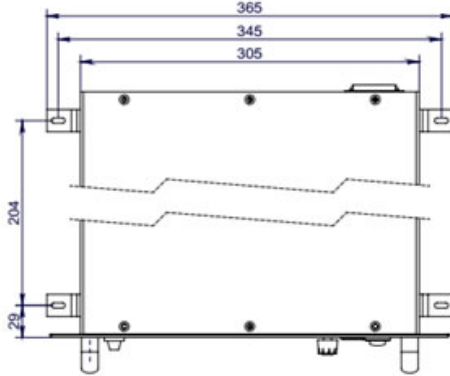
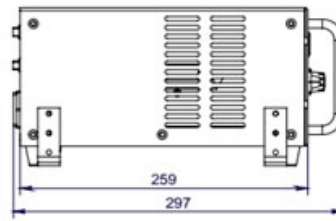
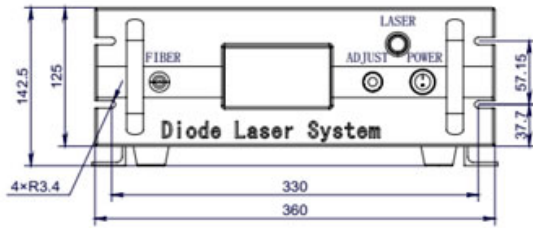
(4) The mechanical dimensions depend on the laser power and cooling mode and please consult us for more information. At the moment, there are 3 cabinets for your selection. Custom-design and -made available.

(5) A non-condensing environment is required for operation and storage

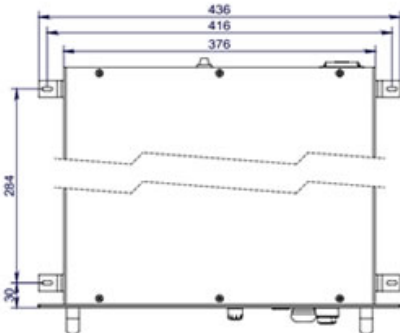
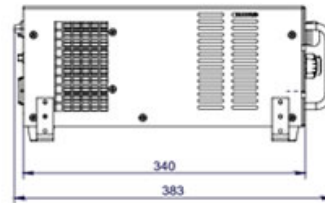
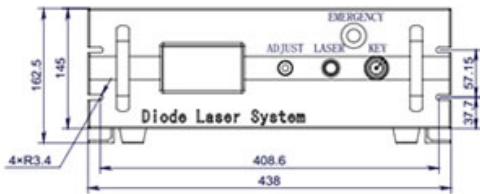
Example: STK-DS3-2-K940EB2RN-10.00W is 940nm, air-cooled 10W fiber coupled diode laser system with fiber core diameter 105μm and NA 0.22.

Remarks:

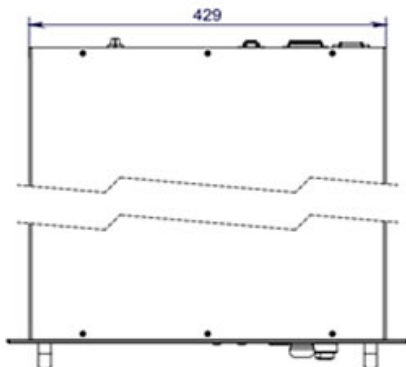
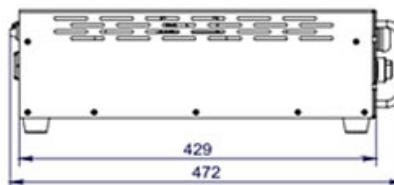
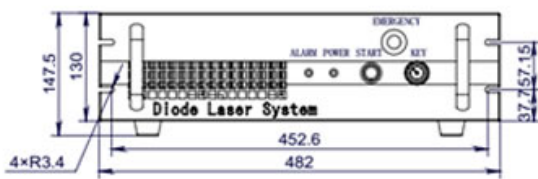
- Avoid eye and skin exposure to direct radiation during operation.
- Make sure the fiber output end is properly cleaned before operation of laser. Follow safety protocols to avoid injury when handling and cutting the fiber.
- Laser diode must be used according to the specifications.
- Temperature Ambient in Operation ranges from 15°C to 30°C.
- Storage temperature ranges from 5°C to 50°C.



S size



M size



L size

4. 1000W Fiber-coupled Diode Laser System



FEATURES

- Low cost
- Maintenance free operation
- Modulation frequency up to 5kHz
- High wall-plug efficiency
- Excellent power stability
- Outstanding reliability
- Convenient control interface

APPLICATION

- Welding
- Surface treatment
- Cladding
- Li battery manufacture

Our Laser 1000W DDL (Direct Diode Laser) is designed for precision materials processing. With two optional modes, continuous mode and pulse mode, HAZ (heat affected zone) can be minimized. The system is designed for outstanding reliability and can be operated in harsh industrial application environment. Our Laser 1000W DDL are suitable for many applications, such as welding, cladding, Li battery soldering, etc.

Technical Specification

Part number	STK-BDL-CW1000
Power	1000W
Wavelength	915 / 976nm
Output Fiber Core Diameter	330μm
Cable Length	10m or Customized
Beam Delivery	QBH
Guide Beam	Red
Operation Mode	Continuous or Modulated
Polarization	Random
Power Stability (25 °C)	<3% (2h)
Power Adjustment Scope	10%-100%
Max Modulation Frequency	5kHz
Weights	<35Kg
Outline Feature	153 mmx482mmx378mm
Voltage	Single Phase, 220±20V, AC, PE, 50/60Hz
Power Consumption	2.4 kW
Control Interface	RS232
Minimum Water Cooling Capacity	1.5 kW
Temperature Settings	25 °C (Laser Module), 30 °C (QBH)
Cooling Tubes Size (External)	Φ12mm
Cooling Water Flux	>10L/min
QBH Cooling Water Flux	1.5~2.0L/min

Note: The back reflection will affect the performance and life of the direct diode laser. It is necessary to use the output laser when it is 8 ° - 10 ° away from the vertical direction of the surface.

5. 2000W Fiber-coupled Diode Laser System



FEATURES

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Part number	STK-BDL-CW2000
Power	2000W
Wavelength	915 / 976nm
Output Fiber Core Diameter	600μm
Cable Length	10m or Customized
Beam Delivery	QBH
Guide Beam	Red
Operation Mode	Continuous or Modulated
Polarization	Random
Power Stability (25 °C)	<3% (2h)
Power Adjustment Scope	10%-100%
Max Modulation Frequency	5kHz
Weights	<35Kg
Outline Feature	153 mm*482mm*378mm
Voltage	Single Phase, 220±20V, AC, PE, 50/60Hz
Power Consumption	2.4 kW
Control Interface	RS232
Minimum Water Cooling Capacity	1.5 kW
Temperature Settings	25°C (Laser Module), 30°C (QBH)
Cooling Tubes Size (External)	Φ12mm
Cooling Water Flux	>20L/min
QBH Cooling Water Flux	1.5~2.0L/min

Note: The back reflection will affect the performance and life of the direct diode laser. It is necessary to use the output laser when it is 8 ° - 10 ° away from the vertical direction of the surface.