

# Kokyo

株式会社 光響

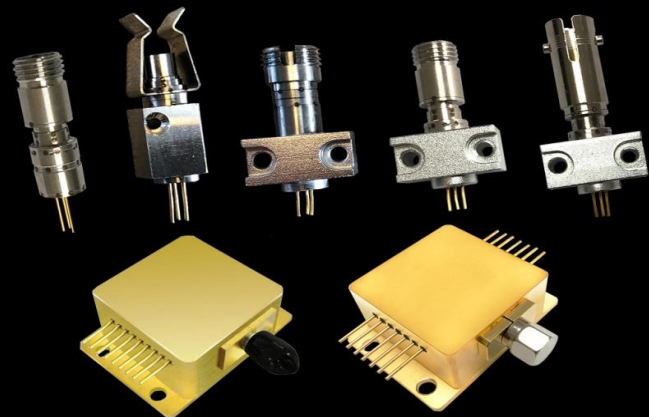
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## CATALOG

### Multi-mode Fiber Detachable Laser Module



# Product Portfolio

630nm 633nm  
635nm 638nm  
640nm 650nm  
653nm 660nm  
670nm 680nm  
685nm 690nm

Red Laser

705nm  
730nm 755nm 760nm  
770nm 780nm 785nm  
790nm 808nm 820nm  
830nm 850nm 860nm  
880nm 905nm 915nm  
940nm 960nm 980nm  
1064nm

IR Laser

505nm 510nm  
520nm 525nm  
532nm

Green Laser



Laser Diode

Fiber Coupled Laser Module

Fiber Detachable Laser Module

Laser System

425nm  
435nm 445nm  
450nm 455nm  
460nm 465nm  
473nm 480nm  
488nm 495nm

Blue Laser

375nm  
395nm 400nm  
405nm 410nm  
413nm

UV Laser

1270nm  
1290nm 1310nm  
1330nm 1350nm 1370nm  
1390nm 1410nm 1430nm  
1450nm 1470nm 1490nm  
1510nm 1530nm 1550nm  
1570nm 1590nm 1610nm  
1625nm 1650nm  
1920nm

IR Laser



**WAVESPECTRUM GROUP** was founded in 1999. It is comprised by a group of experienced and innovative experts in the fields of laser physics, materials science, electronic technology and mechanical design. It has established solid cooperation with some famous universities, research institutes and laboratories.

Wavespectrum products are widely used in space science, optical communication technology, laser display, laser medical, life sciences and materials processing. With the rapid development, R&D centers and production bases have been established in China and Europe. The current plant area is 4,000 square meters, including 2,000 square meters of Class 1,000 clean workshops.

Wavespectrum products include laser diodes, fiber-coupled laser modules and fiber-coupled laser systems with wavelengths from 375nm to 1920nm. Our products are used in medical, printing, laser display, life science, laser communication and other fields. At present, the products have all passed the certifications of ROHS, REACH, CE, etc. At the same time, we have got ISO9001 quality management system certification.

Wavespectrum has world-class R&D team, and it has the world first-class production processing plants. Our products can meet the military-grade production and design standards. The products are well acclaimed world-wide, such in Germany, Austria, the United States, Japan, South Korea and other parts of the world. We have established close cooperation with a number of well-known enterprises world-wide.

**Wavespectrum offers laser products with wavelength ranges from 375nm to 1920nm.**

375nm	395nm	400nm	405nm	410nm	413nm	435nm	445nm	450nm	455nm	460nm	465nm	473nm
480nm	488nm	495nm	505nm	510nm	520nm	525nm	532nm	630nm	633nm	635nm	638nm	640nm
650nm	653nm	660nm	670nm	680nm	685nm	690nm	705nm	730nm	755nm	760nm	770nm	780nm
785nm	790nm	808nm	820nm	830nm	850nm	860nm	880nm	905nm	915nm	940nm	960nm	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

Pls visit our website for more detailed information: <http://en.wavespectrum-laser.com.cn>

## CONTACT US

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**Distributors Wanted World-Wide!**

# Product Catalogue


**Single Mode Laser Diode**




**Multi-mode Laser Diode**




**Single Mode Fiber Coupled Laser Module**



**Multi-mode Fiber Coupled Laser Module**




**Single Mode Fiber Detachable Laser Module**




**Multi-mode Fiber Detachable Laser Module**



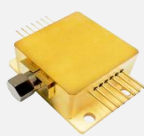
**405nm Fiber Detachable Laser Module**




**405nm High Power Fiber Coupled Laser Source**




**Medical Laser Module**




**Window Package High Power Laser Diode**




**Triplex (RGB) Fiber Coupled White Light Laser Module**




**Triplex (RGB) Fiber Coupled White Light Laser Source**



**Duplex (Dual- $\lambda$ ) Single Mode Fiber Coupled Laser Module**



**Red & Green Aiming Beam for Fiber Laser**



# Product Catalogue

**Turnkey Fiber Coupled  
Diode Laser System**



**OEM Fiber Coupled  
Diode Laser System**



**3-channel (Multi-channel)  
Fiber Coupled Laser System**



**3-wavelength (Multi-λ)  
Fiber Coupled Laser System**



**High Power Fiber  
Bundled Laser Module**



**Multi-wavelength Fiber  
Coupled Laser Module**



**Collimated Laser Diode**



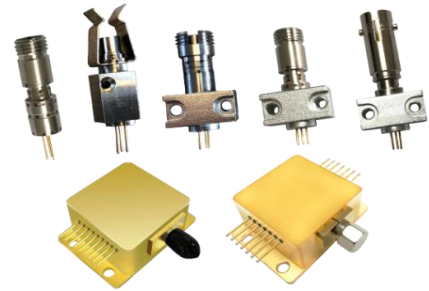
**Photodiode**



## Multi-mode Fiber Detachable Laser Module

### PRODUCT FEATURE

375nm~1920nm  
 5mW~30W Output Power  
 Suitable for 25um/50um/105um/200um/400um Multimode Fiber  
 FC/ST/SC/SMA905 Fiber Detachable Connector  
 Coaxial/8PIN/9PIN/14PIN Package  
 Built-in TE Cooler Optional  
 Built-in Photodiode Optional  
 Built-in Aiming Beam Optional  
 Built-in Fiber Detector Optional  
 Long Lifetime  
 High Stability  
 Customized Wavelength/Power/Fiber Core



### PRODUCT OVERVIEW

Multi-mode Fiber Detachable Laser Module is the competitive product of WAVESPECTRUM. We offer 375nm~1920nm Fiber Detachable Laser Module, which is suitable for Multimode Fiber, the fiber core can be 25um, 50um, 105um, 200um and 400um, the output power ranges is from 5mW to 30W. The Package can be Coaxial, 9PIN, 14PIN, The Fiber Detachable Connector can be SC, FC, ST or SMA905. The TE Cooler and Photodiode is optional, we can integrate them into the Laser Module according to customer's requirement. Meanwhile, we also can integrate the Red/Green Aiming Beam and Fiber Detector into the Laser Module.

WAVESPECTRUM also offer the Customized Solution for Fiber Detachable Laser Modules, such as Customized Wavelength and Customized Power, meet the special needs of customers.

WAVESPECTRUM use laser welding technology to guarantee the long-term reliability of the laser structure. To ensure the long-term reliability, each laser module will undergo rigorous testing and aging in factory. Meanwhile the high-low storage temperature circulation is also necessary for each laser module. We set the storage temperature range from -40°C to +85°C, and it lasts 10 cycles. In this way, it ensures the long-term reliability of the coupling structure.



Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
375nm	WSLR-375-100m-M	100mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-375-100m-M-H-T	100mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-375-100m-M-H9-T	100mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-375-100m-M-H14-T-FD	100mW	105um/0.22	SMA905	14-Pin	√	×	×	√
395nm	WSLR-395-200m-M	200mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-395-200m-M-H-T	200mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-395-200m-M-H9-T	200mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-395-200m-M-H14-T-FD	200mW	105um/0.22	SMA905	14-Pin	√	×	×	√
400nm	WSLR-400-400m-M	400mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-400-400m-M-H-T	400mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-400-400m-M-H9-T	400mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-400-400m-M-H14-T-FD	400mW	105um/0.22	SMA905	14-Pin	√	×	×	√
405nm	WSLR-405-300m-50M	300mW	50um/0.12	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-405-300m-M	300mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-405-300m-M-H-T	300mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-405-400m-50M	400mW	50um/0.12	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-405-450m-M	450mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-405-450m-M-H-T	450mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-405-450m-M-H9-T	450mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-405-450m-M-H14-T-FD	450mW	105um/0.22	SMA905	14-Pin	√	×	×	√
	WSLR-405-550m-M	550mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-405-550m-M-H-T	550mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-405-550m-M-H9-T	550mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-405-550m-M-H14-T-FD	550mW	105um/0.22	SMA905	14-Pin	√	×	×	√
	WSLR-405-001-M-H9-T	1W	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-405-001-M-H14-T-FD	1W	105um/0.22	SMA905	14-Pin	√	×	×	√
	WSLR-405-002-M-H9-T	2W	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-405-002-M-H14-T-FD	2W	105um/0.22	SMA905	14-Pin	√	×	×	√
410nm	WSLR-410-300m-M-H9-T	300mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-410-300m-M-H14-T-FD	300mW	105um/0.22	SMA905	14-Pin	√	×	×	√
420nm	WSLR-420-800m-M	800mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-420-800m-M-H-T	800mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-420-800m-M-H9-T	800mW	105um/0.22	SMA905	9-Pin	√	×	×	×
	WSLR-420-800m-M-H14-T-FD	800mW	105um/0.22	SMA905	14-Pin	√	×	×	√
435nm	WSLR-435-003-200M-H9-T-PD	3W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-435-003-200M-H14-T-PD-FD	3W	200um/0.22	SMA905	14-Pin	√	√	○	√
445nm	WSLR-445-050m-M	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-445-050m-M-H8-T	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×

Note: √:Yes, ○:Optional, ×:No.

Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
445nm	WSLR-445-080m-M	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-445-080m-M-H8-T	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-445-800m-M	800mW	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-445-800m-M-H-T	800mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-445-001-M	1W	105um/0.22	SC/FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-445-001-M-H-T	1W	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-445-3500m-200M-H9-T-PD	3.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-445-3500m-200M-H14-T-PD-A-FD	3.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
	WSLR-445-010-200M-H-PD	10W	200um/0.22	SMA905	P4	○	√	×	×
	WSLR-445-010-200M-H-PD-A-FD	10W	200um/0.22	SMA905	P4	○	√	√	√
	WSLR-445-020-400M-H-PD	20W	400um/0.22	SMA905	P5	○	√	×	×
	WSLR-445-020-400M-H-PD-A-FD	20W	400um/0.22	SMA905	P5	○	√	√	√
	455nm	WSLR-455-004-200M-H9-T-PD	4W	200um/0.22	SMA905	9-Pin	√	√	×
WSLR-455-004-200M-H14-T-PD-A-FD		4W	200um/0.22	SMA905	14-Pin	√	√	√	√
465nm	WSLR-465-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-465-002-200M-H14-T-PD-FD	2W	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-465-007-200M-H-PD	7W	200um/0.22	SMA905	P4	○	√	×	×
	WSLR-465-007-200M-H-PD-FD	7W	200um/0.22	SMA905	P4	○	√	×	√
	WSLR-465-015-400M-H-PD	15W	400um/0.22	SMA905	P5	○	√	×	×
	WSLR-465-015-400M-H-PD-FD	15W	400um/0.22	SMA905	P5	○	√	×	√
480nm	WSLR-480-050m-M	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-480-050m-M-H8-T	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-480-080m-M	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-480-080m-M-H8-T	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
488nm	WSLR-488-050m-M	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-488-050m-M-H8-T	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-488-080m-M	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-488-080m-M-H8-T	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
495nm	WSLR-495-050m-M	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-495-050m-M-H8-T	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-495-080m-M	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-495-080m-M-H8-T	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
505nm	WSLR-505-030m-M	30mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-505-030m-M-H8-T	30mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-505-050m-M	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-505-050m-M-H8-T	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
520nm	WSLR-520-010m-M-PD	10mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-520-050m-M-PD	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×

Note: √:Yes, ○:Optional, ×:No.



Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
520nm	WSLR-520-050m-M-H8-T-PD	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-520-080m-M	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-520-080m-M-H-T	80mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-520-150m-M	150mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-520-150m-M-H-T	150mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-520-200m-M	200mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-520-200m-M-H-T	200mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-520-800m-200M-H9-T-PD	800mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-520-800m-200M-H14-T-PD-FD	800mW	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-520-1200m-200M-H9-T-PD	1.2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-520-1200m-200M-H14-T-PD-FD	1.2W	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-520-002-200M-H-PD	2W	200um/0.22	SMA905	P4	○	√	×	×
	WSLR-520-002-200M-H-PD-FD	2W	200um/0.22	SMA905	P4	○	√	×	√
	WSLR-520-005-400M-H-PD	5W	400um/0.22	SMA905	P5	○	√	×	×
	WSLR-520-005-400M-H-PD-FD	5W	400um/0.22	SMA905	P5	○	√	×	√
525nm	WSLR-525-800m-200M-H9-T-PD	800mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-525-800m-200M-H14-T-PD-FD	800mW	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-525-1200m-200M-H9-T-PD	1.2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-525-1200m-200M-H14-T-PD-FD	1.2W	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-525-002-200M-H-PD	2W	200um/0.22	SMA905	P4	○	√	×	×
	WSLR-525-002-200M-H-PD-FD	2W	200um/0.22	SMA905	P4	○	√	×	√
	WSLR-525-005-400M-H-PD	5W	400um/0.22	SMA905	P5	○	√	×	×
	WSLR-525-005-400M-H-PD-FD	5W	400um/0.22	SMA905	P5	○	√	×	√
532nm	WSLR-532-001-200M-H9-T-PD	1W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-532-001-200M-H14-T-PD-FD	1W	200um/0.22	SMA905	14-Pin	√	√	×	√
630nm	WSLR-630-300m-200M-H9-T-PD	300mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-630-300m-200M-H14-T-PD-FD	300mW	200um/0.22	SMA905	14-Pin	√	√	×	√
633nm	WSLR-633-700m-200M-H9-T-PD	700mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-633-700m-200M-H14-T-PD-FD	700mW	200um/0.22	SMA905	14-Pin	√	√	×	√
635nm	WSLR-635-005m-M-PD	5mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-635-010m-M-PD	10mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-635-030m-M-PD	30mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-635-120m-M-PD	120mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-635-120m-M-H8-T-PD	120mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-635-300m-M	300mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-635-300m-M-H-T	300mW	105um/0.22	FC/SMA905/ST	HHL-01	√	×	×	×
	WSLR-635-001-200M-H9-T-PD	1W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-635-001-200M-H14-T-PD-FD	1W	200um/0.22	SMA905	14-Pin	√	√	×	√

Note: √:Yes, ○:Optional, ×:No.

Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
635nm	WSLR-635-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-635-1500m-200M-H14-T-PD-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	×	√
645nm	WSLR-645-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-645-1500m-200M-H14-T-PD-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	×	√
653nm	WSLR-653-700m-200M-H9-T-PD	700mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-653-700m-200M-H14-T-PD-FD	700mW	200um/0.22	SMA905	14-Pin	√	√	×	√
660nm	WSLR-660-030m-M-PD	30mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-660-050m-M-PD	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-660-050m-M-H8-T-PD	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-660-080m-M-PD	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-660-080m-M-H8-T-PD	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-660-120m-M	120mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-660-120m-M-H8-T	120mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
	WSLR-660-800m-200M-H9-T-PD	800mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-660-800m-200M-H14-T-PD-FD	800mW	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-660-001-200M-H9-T-PD	1W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-660-001-200M-H14-T-PD-FD	1W	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-660-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-660-002-200M-H14-T-PD-FD	2W	200um/0.22	SMA905	14-Pin	√	√	×	√
670nm	WSLR-670-005m-M-PD	5mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-670-120m-M	120mW	105um/0.22	FC/SMA905/ST	Coaxial	×	×	×	×
	WSLR-670-120m-M-H8-T	120mW	105um/0.22	FC/SMA905/ST	8-Pin	√	×	×	×
685nm	WSLR-685-030m-M-PD	30mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-685-030m-M-H8-T-PD	30mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
690nm	WSLR-690-800m-200M-H9-T-PD	800mW	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-690-800m-200M-H14-T-PD-FD	800mW	200um/0.22	SMA905	14-Pin	√	√	×	√
	WSLR-690-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-690-1500m-200M-H14-T-PD-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	×	√
760nm	WSLR-760-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	○	×
	WSLR-760-1500m-200M-H14-T-PD-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	○	√
770nm	WSLR-770-003-200M-H9-T-PD	3W	200um/0.22	SMA905	9-Pin	√	√	○	×
	WSLR-770-003-200M-H14-T-PD-FD	3W	200um/0.22	SMA905	14-Pin	√	√	○	√
785nm	WSLR-785-050m-M-PD	50mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-785-050m-M-H8-T-PD	50mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-785-080m-M-PD	80mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-785-080m-M-H8-T-PD	80mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-785-003-200M-H9-T-PD	3W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-785-003-200M-H14-T-PD-A-FD	3W	200um/0.22	SMA905	14-Pin	√	√	√	√

Note: √:Yes, ○:Optional, ×:No.

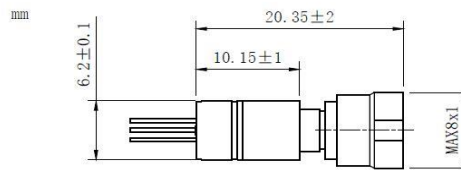
Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
808nm	WSLR-808-150m-M-PD	150mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-808-150m-M-H8-T-PD	150mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-808-180m-M-PD	180mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-808-180m-M-H8-T-PD	180mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-808-300m-200M-PD	300mW	200um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-808-300m-200M-H8-T-PD	300mW	200um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-808-005-200M-H9-T-PD	5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-808-005-200M-H14-T-PD-A-FD	5W	200um/0.22	SMA905	14-Pin	√	√	√	√
	WSLR-808-007-200M-H9-T-PD	7W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-808-007-200M-H14-T-PD-A-FD	7W	200um/0.22	SMA905	14-Pin	√	√	√	√
820nm	WSLR-820-150m-M-PD	150mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-820-150m-M-H8-T-PD	150mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
830nm	WSLR-830-150m-M-PD	150mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-830-150m-M-H8-T-PD	150mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-830-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-830-002-200M-H14-T-PD-A-FD	2W	200um/0.22	SMA905	14-Pin	√	√	√	√
850nm	WSLR-850-120m-M-PD	120mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-850-120m-M-H8-T-PD	120mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
880nm	WSLR-880-005m-M-PD	5mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-880-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-880-002-200M-H14-T-PD-A-FD	2W	200um/0.22	SMA905	14-Pin	√	√	√	√
905nm	WSLR-905-120m-M-PD	120mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-905-120m-M-H8-T-PD	120mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
915nm	WSLR-915-010-200M-H9-T-PD	10W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-915-010-200M-H14-T-PD-A-FD	10W	200um/0.22	SMA905	14-Pin	√	√	√	√
940nm	WSLR-940-150m-M-PD	150mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-940-150m-M-H8-T-PD	150mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-940-010-200M-H9-T-PD	10W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-940-010-200M-H14-T-PD-A-FD	10W	200um/0.22	SMA905	14-Pin	√	√	√	√
980nm	WSLR-980-030m-M-PD	30mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-980-100m-M-PD	100mW	105um/0.22	FC/SMA905/ST	Coaxial	×	√	×	×
	WSLR-980-100m-M-H8-T-PD	100mW	105um/0.22	FC/SMA905/ST	8-Pin	√	√	×	×
	WSLR-980-010-200M-H9-T-PD	10W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-980-010-200M-H14-T-PD-A-FD	10W	200um/0.22	SMA905	14-Pin	√	√	√	√
1064nm	WSLR-1064-007-200M-H9-T-PD	7W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1064-007-200M-H14-T-PD-A-FD	7W	200um/0.22	SMA905	14-Pin	√	√	√	√
1310nm	WSLR-1310-001-200M-H9-T-PD	1W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1310-001-200M-H14-T-PD-A-FD	1W	200um/0.22	SMA905	14-Pin	√	√	√	√

Note: √:Yes, ○:Optional, ×:No.

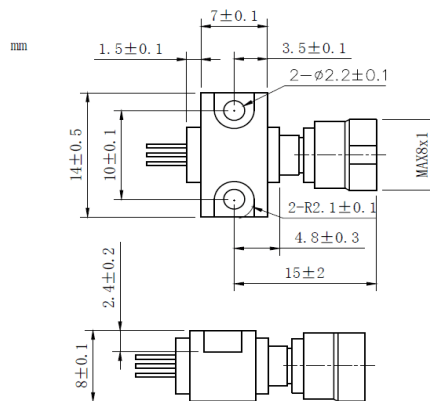
Wavelength	Part Number	Output Power (ex-fiber)	Applicable Fiber	Detachable Connector	Package	TEC	PD	Aiming Beam	Fiber Detector
1330nm	WSLR-1330-001-200M-H9-T-PD	1W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1330-001-200M-H14-T-PD-A-FD	1W	200um/0.22	SMA905	14-Pin	√	√	√	√
1450nm	WSLR-1450-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1450-002-200M-H14-T-PD-A-FD	2W	200um/0.22	SMA905	14-Pin	√	√	√	√
1470nm	WSLR-1470-002-200M-H9-T-PD	2W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1470-002-200M-H14-T-PD-A-FD	2W	200um/0.22	SMA905	14-Pin	√	√	√	√
	WSLR-1470-2500m-200M-H9-T-PD	2.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1470-2500m-200M-H14-T-PD-A-FD	2.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
1490nm	WSLR-1490-2500m-200M-H9-T-PD	2.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1490-2500m-200M-H14-T-PD-A-FD	2.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
1530nm	WSLR-1530-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1530-1500m-200M-H14-T-PD-A-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
1550nm	WSLR-1550-1500m-200M-H9-T-PD	1.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1550-1500m-200M-H14-T-PD-A-FD	1.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
	WSLR-1550-2500m-200M-H9-T-PD	2.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1550-2500m-200M-H14-T-PD-A-FD	2.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
1570nm	WSLR-1570-2500m-200M-H9-T-PD	2.5W	200um/0.22	SMA905	9-Pin	√	√	×	×
	WSLR-1570-2500m-200M-H14-T-PD-A-FD	2.5W	200um/0.22	SMA905	14-Pin	√	√	√	√
1920nm	WSLR-1920-400m-200M-H9-T	400mW	200um/0.22	SMA905	9-Pin	√	×	×	×

Note: √:Yes, ○:Optional, ×:No.

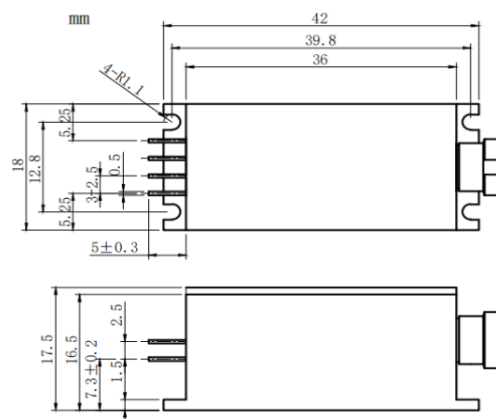
**Coaxial Fiber Detachable Package View (FC/PC):**



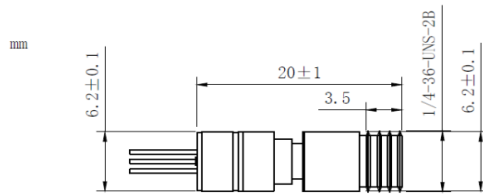
**B8 Fiber Detachable Package View (FC/PC):  
(With Heat-sink)**



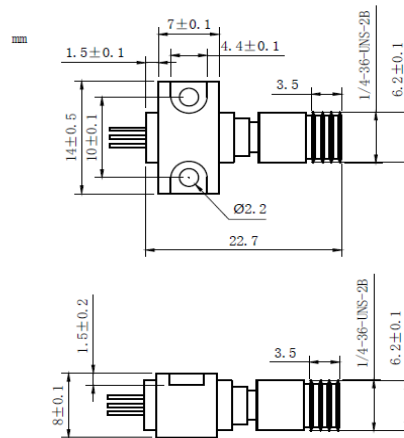
**8-Pin Fiber Detachable Package View (FC/PC):  
(Built-in TE Cooler)**



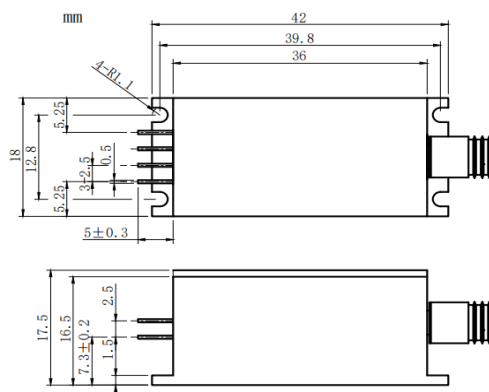
**Coaxial Fiber Detachable Package View (SMA905):**



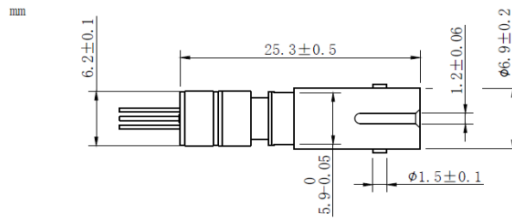
**B8 Fiber Detachable Package View (SMA905):  
(With Heat-sink)**



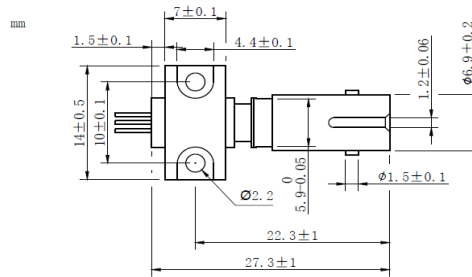
**8-Pin Fiber Detachable Package View (SMA905):  
(Built-in TE Cooler)**



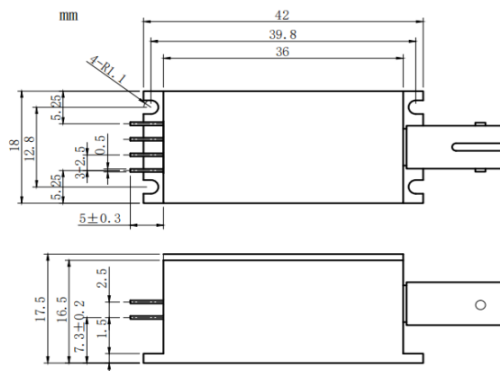
**Coaxial Fiber Detachable Package View (ST):**



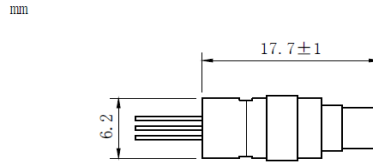
**B8 Fiber Detachable Package View (ST):  
(With Heat-sink)**



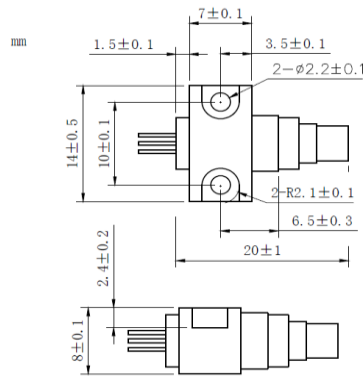
**8-Pin Fiber Detachable Package View (ST):  
(Built-in TE Cooler)**



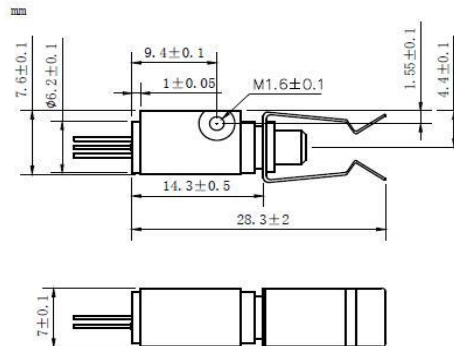
**Coaxial Fiber Detachable Package View (TOSA):**



**B8 Fiber Detachable Package View (TOSA):  
(With Heat-sink)**

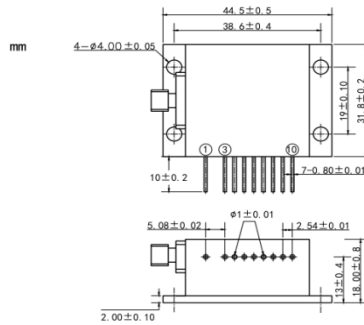


**Coaxial Fiber Detachable Package View (SC):**



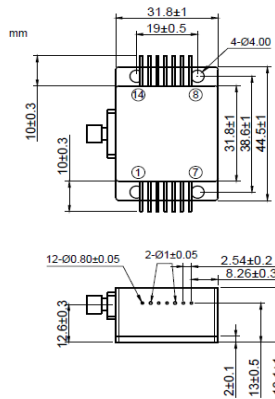
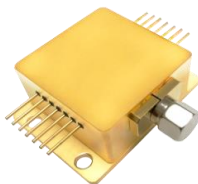


**9-Pin Fiber Detachable Package View (SMA905):**



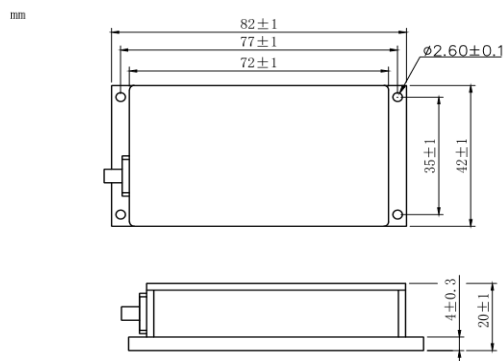
PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	Thermistor
6	Thermistor
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

**14-Pin Fiber Detachable Package View (SMA905):**



PIN	FUNCTION	PIN	FUNCTION
1	CASE	14	TEC(+)
2	LD(+)	13	Aiming Beam LD (-); [GND]
3	Thermistor (10K)	12	Aiming Beam LD (+); [DC3V-5V]
4	Thermistor (10K)	11	FCD LED(+)&FCD PD (N)
5	LD(-)	10	FCD LED(-)
6	PD(P)	9	FCD PD (P)
7	PD(N)	8	TEC(-)

**P4 Fiber Detachable Package View (SMA905) :**



P5 Fiber Detachable Package View (SMA905) :

