

## 1060nm ASE broadband light source 10mW



- **Product Description**

The 1060nm band ASE broadband light source is based on ytterbium-doped fiber and semiconductor pump laser, with a spectrum covering 1030~1080nm, and can also be extended to 1010nm and 1100nm bands, with high output power and good flatness. It can be used for fiber device testing, FBG grating production, etc.



- **Product features**

Spectral flatness、 Adjustable power、 Highly stable output power

- **Part Number**

MP-ASE-1060-10-50-SA

- **Application area**

Fiber optic sensing、 Medical imaging、 Fiber optic device testing

- **Core parameters**

Spectral Range	Output Power	Connector
1060nm	10mW	FC/APC

- **General Parameters**

Parameter

Parameter	Unit	Typical	Notes
Spectral range	nm	1010、 1030~1080、 1015	50nm@10dB
Output optical power	mW	10/20/30/50/100	



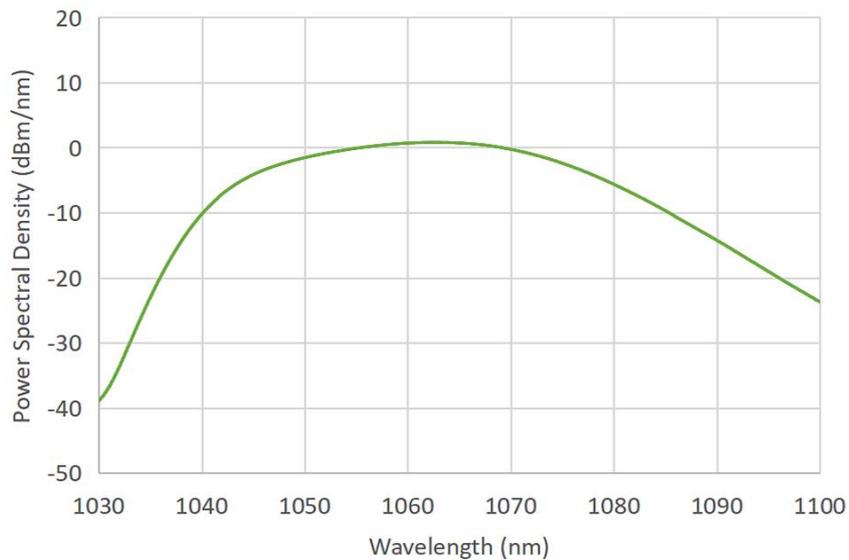
<b>Power adjustment range (optional function)</b>	<b>dB</b>	<b>10%~100%</b>	<b>Spectral flatness remains unchanged during adjustment</b>
<b>Spectral flatness</b>	<b>dB</b>	<b>10</b>	
<b>Output isolation</b>	<b>dB</b>	<b>&gt;35</b>	
<b>Short-term stability (15 minutes)</b>	<b>dB</b>	<b><math>\leq \pm 0.02</math></b>	<b>Equivalence <math>\leq \pm 0.5\%</math></b>
<b>Long-term stability (8 hours)</b>	<b>dB</b>	<b><math>\leq \pm 0.05</math></b>	<b>Equivalence <math>\leq \pm 1.2\%</math></b>
<b>Polarization degree DOP</b>	<b>dB</b>	<b><math>\leq 0.2</math></b>	
<b>Pigtail type</b>	<b>-</b>	<b>Hi 1060 SM fiber/PM980 PM fiber</b>	
<b>Pigtail connector type</b>	<b>-</b>	<b>FC/APC</b>	

<b>Electrical and environmental parameters</b>	<b>Benchtop</b>	<b>Module</b>
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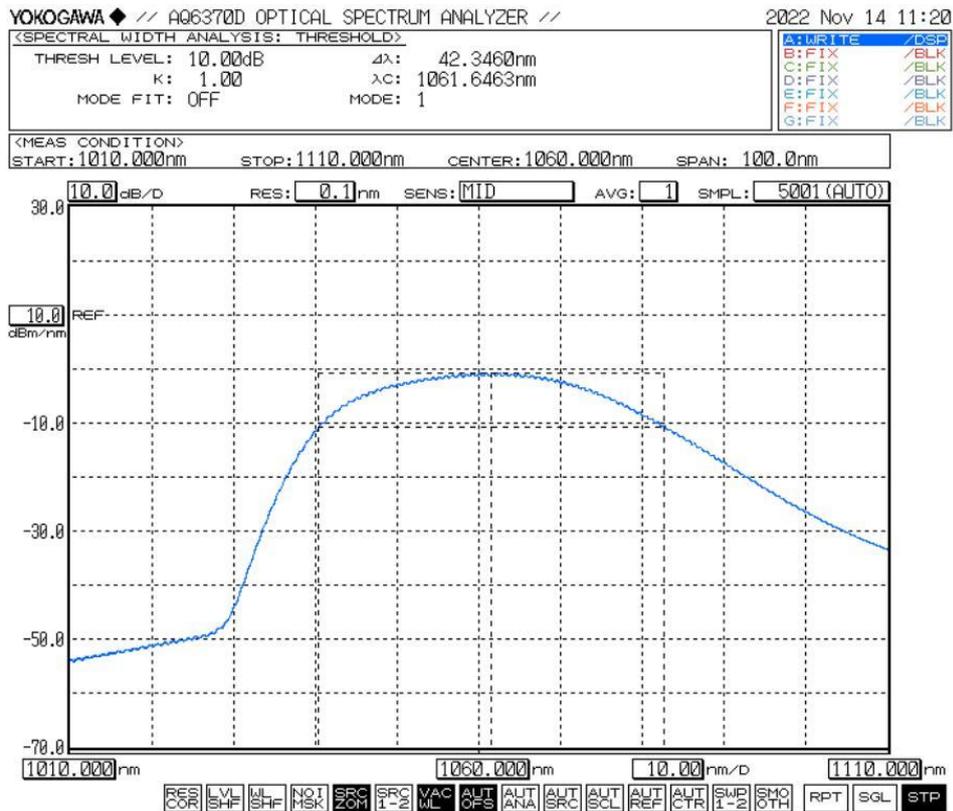
<b>Control mode</b>	<b>Button</b>	<b>RS232 Serial communication</b>
<b>Communication interface</b>	<b>Optional</b>	<b>DB9 Female</b>
<b>Power supply</b>	<b>100~240VAC, &lt;30W</b>	<b>5V DC, &lt;15W</b>
<b>Dimensions</b>	<b>260(W)×280(D)×120(H)mm</b>	<b>125(W)×150(D)×20(H)mm</b>
<b>Operating temperature range</b>	<b>-5~+35°C</b>	
<b>Operating humidity range</b>	<b>0~70%</b>	

Optical Power Spectral Density of 1060nm ASE Source





## Spectrum



## Ordering info

Ordering information / PN#					
AS	Spectrum	Output	*Power	Output pigtail type	Package
E	range	power(W)	adjustable (optional)		
					method



	1010/1060/11	10/20/30/50/1	*T	SM=single mode fiber PM=Polarization-m ode fiber	B=Bencht op M=Module
	50	00			