

## 2000nm Band ASE Broadband Light Source, Module, 40mW (Non-adjustable)



### ● Product Description

The 2000nm band ASE broadband light source uses a short-wavelength laser-pumped thulium-doped fiber, with single-mode fiber output power reaching up to 40mW. The spectral coverage ranges from 1850 to 2000nm, making it suitable for applications such as laser biology and spectral measurement

### ● Product features

Spectral flatness、 Mid-infrared band、 High stability output power



## ● Part Number

MP-ASE-2000-16F-150-SA-M

## ● Application area

Fiber optic sensing、 Medical imaging、 Fiber optic device testing

## ● Core parameters

Spectral Range	Output Power
1850-2000nm	10/20/40mW

## ● General Parameters

Optical Specifications	Unit	Typical Value	Remarks
Spectral Range	nm	1850~2000	
Output Power	mW	10/20/40	Non-adjustable
Isolation at Output Port	dB	>35	
Short-term Stability (15 min)	dB	$\leq \pm 0.02$	Equivalent $\leq \pm 0.5\%$
Long-term Stability (8 hours)	dB	$\leq \pm 0.05$	Equivalent $\leq \pm 1.2\%$
Polarization Extinction Ratio (PER)	dB	$\leq 0.2$	
Tail Fiber and Connector Type	-	SMF-28 or SM 19 50, FC/A PC	



<b>Electrical and Environmental Parameters</b>	<b>Benchtop</b>	<b>Module</b>
<b>Control Method</b>	Keypad	RS232Serial Communication
<b>Communication Interface</b>	Optional	DB9 Female
<b>Power Supply</b>	100~240V AC,<30W	DC12V3A, ≤36W
<b>Dimensions</b>	260(W) × 320(D) × 120(H)mm	139(W)x235(D)x70(H)mm
<b>Operating Temperature Range</b>	-5~+35 °C	
<b>Operating Humidity Range</b>	0~70%	

Ordering info/PN#				
ASE	Spectral Range	Output Power (mW)	Fiber Type	Packaging Type
	2000	10/20/40	SM	Benchtop; M = Modular

