

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	≤ 0.2	
Tail Fiber and Connector Type	-	SMF-28 or SM 19 50, FC/A PC	



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

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

