

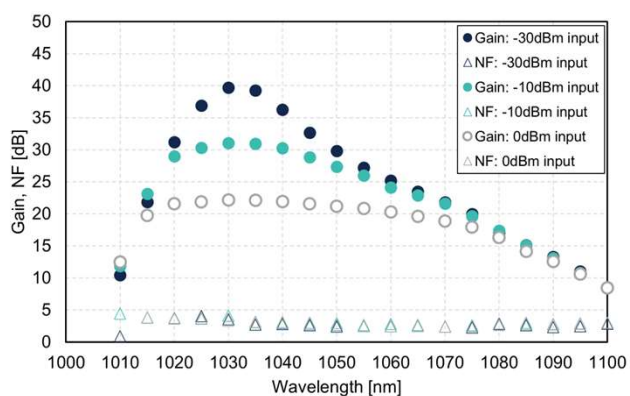


AMP-FL8521

- 1030-nm-band Optical Fiber Amplifier -



Typical Performance



Features

- ❑ High stability
- ❑ High reliability

Applications

- ❑ Optical component tests
- ❑ Optical telecommunications
- ❑ Sensing
- ❑ R&D

Product Number: AMP-FL8521-XB-20

Optical Specifications	unit	min.	typ.	max.	note
Signal Wavelength	nm	1020	1030	1080	-
Signal Input Power	dBm	-	-	-	-
Signal Output Level	dBm	20	-	-	Pin: 0dBm @λ typ.
Signal Gain	dBm	30	37	-	Pin:-30dBm @λ typ.
Noise Figure	dB	-	-	-	-
Working Axis	-	-	-	-	-
Polarization Extinction Ratio	dB	-	-	-	-
Input/Output Isolation	dB	-/25	-	-	Internal isolator included, Input: Opt.072
Laser Class	-	3B	-	-	-
Standard Optical Connector	-	FC/Angled-PC	-	-	Narrow key
Input/Output Fiber	-	Corning HI1060	-	-	-

Functional Specifications		note
Operating Mode	Auto Current Control - Auto Light Control	-
Monitoring Parameters	-	-
	Output signal power	-
	-	-
	Pump LD current	-
	Pump LD temperature	-
	Case temperature	-
Remote Control	- RS-232C IEEE488.1(GP-IB)	-
Safety Function	- Key lock switch Remote interlock	-
	-	-
	-	-

Electric Specifications	unit	min.	typ.	max.	note
Power Consumption	W	-	-	30	-
Insulation Resistance	MΩm	10	-	-	DC500kV, b/w PS-Case
Withstand Voltage	kV	1.5	-	-	AC, 2seconds, b/w PS-Case
Power-Supply Voltage	V	90	-	240	AC
Fluctuation Tolerance	%	-	-	10	-
Power-Supply Frequency	Hz	50	-	60	-
Fluctuation Tolerance	%	-	-	10	-

Mechanical Specifications	unit	min.	typ.	max.	info.
Weight	kg	-	-	7	-
Dimension	mm	- 88 x 260 x 350	-	-	HxWxD, without protrusions

Environmental Specifications	unit	min.	typ.	max.	info.
Operating Temperature	° C	0	-	40	-
Storage Temperature	° C	-10	-	60	-
Operating Humidity	%rh	0	-	90	Non-condensing
Operating Condition	-	Indoor Use	-	-	-

Other/Special Specifications

FC/PC and SC/PC option is not available without input isolator

Option	
opt.011	FC/PC
opt.012	N/A
opt.013	SC/PC
opt.014	SC/Angled-PC
opt.072	Input Isolator
opt.091	N/A
opt.093	N/A
opt.121	Rackmount brackets (Size: 88(H)×430(W)×350(D) mm)
opt.123	N/A

Standard Accessory	
Power cable	: 1
Power key	: 2
Manuals	: PDF
Specification sheet	: PDF
Inspection record	: Hard copy

※ All functions, specifications and appearance are subject to change without notice.



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Revision Information

Unique : 1.1.1

Common : 1.1.1

Format : 1.3.2

