

C-band SLM PM Standard Amplifiers

C-SLM-PM-HPFA series

2006-09-19 - v1.0

Applications: Instrument for R&D labs
Form factor: Benchtop 19" Rackable
product reference: KPS-STD-BT-C-33-SLM-PM-PB-1xx-yy-zz



Optical Specifications:

	Conditions	Unit	C-30	C-33	C-37	C-40
Mode of operation			CW			
Nominal output power	Pin = 0dBm	dBm	30	33	37	40
Input power		dBm	From -10 to +5			
Bandwidth		nm	1540-1565			
Noise figure	Pin=5dBm, λ=1550nm	dB	max: 7			
Input/ Interstage isolation			Yes			
Output isolation			Yes		No	
Input monitoring			Yes			
Output monitoring			Option		No	
Control Mode			ACC, APC option		ACC	
APC Pw. Tunability		%	55-100		-	
APC Pw. Stability	8h, 25°C	%rms	max: 1		-	
PER	signal only	dB	min: 17		min: 12	
M ²	LP01		max: 1.1			

Optical Interface:

	C-30	C-33	C-37	C-40
Output termination options	FA, SA, FP, SP, Col, E2PS, B		Col, B	
Output pigtail	Panda1550, 3mm, PVC, 1m			
Input termination options	FA, SA, FP, SP			
Input pigtail	Panda1550, 3mm, PVC, 1m			
External fiber restriction	5m	2,5m	No connexion	
Backreflection	Limited			
Injected linewidth	Limited			

Electrical, Environmental and Packaging:

		Unit	BT
Electrical Specification:			
	AC Voltage	V	85 to 264 VAC, 47-63Hz
	Power Consumption	W	<200
	Interface		RS232 and GPIB
Environmental			
	Operating Temperature	°C	From 15 to 35
	Storage Temperature	°C	From -20 to 55
	Warm up time	min	<30
Dimension and Weight			
	Dimensions Laser module	mm	88x448x446
	Weight	Kg	<5

Options available:

- xxx = APC (1 or 0) Output isolation (1 or 0)
- yy = input termination option
- zz = output termination option

Connectors:
FA=FC/APC; SA=SC/APC; FP=FC/SPC; SP=SC/SPC
E2PS=E2000 HP + Patchcord for adaptation
Col=Collimated, for free-space use; B=Bare Fiber

All products comply with IEC 60825-1 and FDA (21 CFR Subchapter J) laser safety standards.
Keopsys undertakes a continuous and intensive product development program to ensure that its products perform to the highest technical standards. As a result, the specifications in this document are subject to change without notice.



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