

# C-band PM Standard Amplifier

## OEM-C-PM-SFA series

2006-08-30 - v1.0

Applications: Module for optical fiber network  
Form factor: OEM 25  
product reference: KPS-STD-OEM-C-15-PM-Sd-xxx-yy-zz



### Optical Specifications:

	Conditions	Unit	C-10	C-13	C-15	C-18
Mode of operation			CW			
Nominal output power	Pin = 0dBm	dBm	10	13	15	18
Input power		dBm	From -10 to 5			
Bandwidth		nm	1529-1562			
Noise figure	Pin=0dBm, λ=1550nm	dB	max: 7			
Input/Interstage isolation			Yes			
Output isolation			Yes			
Input monitoring			Option			
Output monitoring			Option			
Control Mode			ACC, APC option			
APC Pw. Tunability		%	10-100			
APC Pw. Stability	8h, 25°C	%rms	max: 1			
PER	signal only	dB	min: 20			

### Optical Interface:

	C-10	C-13	C-15	C-18
Output termination options	FA, SA, FP, SP, B			
Output pigtail	Panda1550, 900µm, PVC, 1m			
Input termination options	FA, SA, FP, SP			
Input pigtail	Panda1550, 900µm, PVC, 1m			
Injected linewidth	Limited			

### Electrical, Environmental and Packaging:

	Unit	OEM 25
<b>Electrical Specification:</b>		
AC Voltage	V	5 to 24
Power Consumption	W	<20
Interface		RS232
<b>Environmental</b>		
Operating Temperature	°C	From 0 to 55
Storage Temperature	°C	From -20 to 70
Warm up time	min	
<b>Dimension and Weight</b>		
Dimensions Laser module	mm	150x120x25
Weight	Kg	<0,6

### Options available:

- xxx = IN monitoring, ISO, APC / OUT monitoring options (see specifications)
- 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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