

**Key Features**

- Robust EDFA OEM module with standard RS232 communication interface
- Optical noise figure optimized operation

**Applications**

- Telecom, Test & Measurement, Fiber Sensing, R&D, etc.

**Typical Specifications**
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Parameter	Min.	Typ.	Max.	Units
Operating wavelength	1528	1550	1565	nm
Input power	-40		-20	dBm
Signal gain	25	35	47	dB
Noise figure		3.5	3.9	dB
Saturated output power			+17	dBm
Temperature range of operation	-5	25	65	°C
Input voltage rating	+4.75	5	+5.25	V
Power dissipation <sup>(2)</sup>	-	-	7	W
Input/Output Connectors	Customer specified, FC/UPC, FC/APC, etc.			

***Specifications are subject to change without prior notice***

**Ordering Information:**

EDFA - CW - LNF

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Package Type                      Output Power (dBm)   Signal Gain (dB)   Optical Termination

RS Nuphoton custom chassis Eg.:  
control electronics  
included

10 +10 dBm

Eg.:  
 40 40 dB

FCU FC/UPC  
 FCA FC/APC  
 LCU LC/UPC  
 LCA LC/APC  
 SCU SC/UPC  
 SCA SC/APC  
 CUS Customer Specified

PR 19" rack-mount

**1 Ordering Examples:**

Model Number	EDFA-CW-LNF-RS-10-40-FCU
Center Wavelength [nm]	1550
Package Type	Module, Nuphoton Custom chassis
Saturated Optical Output Power [dBm]	+10
Nominal Small Signal Gain <sup>(1)</sup> [dB]	40
Optical Input / Output Termination	FC/UPC

**Note**

(1) Signal gain for input power of -30 dBm

*Ordering Information:*


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Email orders to: [sales@xsoptix.com](mailto:sales@xsoptix.com)  
 Fax orders to: 800-878-7282