

Key Features

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

Applications




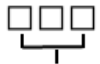
- Telecom, Test & Measurement, Fiber Sensing, R&D, etc.

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 ⁽²⁾	-	-	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	-		-		-		-	
		<u>Package Type</u>		<u>Output Power (dBm)</u>		<u>Signal Gain (dB)</u>		<u>Optical Termination</u>
<u>RS</u>	<u>Nuphoton custom chassis control electronics included</u>			<u>Eg.:</u>	<u>10 +10 dBm</u>		<u>40</u>	<u>40 dB</u>
<u>PR</u>	<u>19" rack-mount</u>							<u>FCU FC/UPC</u> <u>FCA FC/APC</u> <u>LCU LC/UPC</u> <u>LCA LC/APC</u> <u>SCU SC/UPC</u> <u>SCA SC/APC</u> <u>CUS Customer Specified</u>

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 ⁽¹⁾ [dB]	40
Optical Input / Output Termination	FC/UPC

Note

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