

Key Features

- Compact EDFA OEM module
- Optimized operation for -10dBm to 0dBm input power
- Extended operation temperature range available, etc., -20 to +70 °C case temp.

Applications


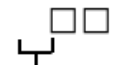
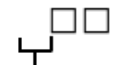

- Telecom, Test & Measurement, Sensing, R&D, etc.

Typical Specifications

Parameter	Min.	Typ.	Max.	Units
Operating wavelength	1505	-	1520	nm
Input power	-20			dBm
Saturated output power			+21	dBm
Typical testing wavelength		1518		nm
Polarization extinction ratio	20	23		dB
Polarization mode dispersion	-	-	0.3	ps
Temperature range of operation	-5	25	65	°C
Input voltage rating	+4.75	5	+5.25	V
Power dissipation	-	-	15	W
Communication interface		RS232		
Input/Output Connectors	Customer specified, FC/UPC, FC/APC, etc.			

Specifications are subject to change without prior notice

Ordering Information:

EDFA – CW - PM1520 - 				- 		- 	
<u>Wavelength Range</u>	<u>Package Type</u>	<u>Output Power (dBm)</u>	<u>Signal Gain (dB)</u>	<u>Optical Termination</u>			
1505-1520nm	MR MSA compatible, control electronics included	Eg.: 18 +18 dBm	Eg.: 30 30 dB	FCU	FC/APC	FCA	FC/APC
	RS Nuphoton custom chassis, control electronics included			LCU	LC/APC	LCA	LC/APC
	PR 19" rack-mount			SCU	SC/APC	SCA	SC/APC
				CUS	Customer Specified		

Ordering Example 1:

Model Number	EDFA-CW-PM1520-RS-21-30-FCA
Wavelength Range [nm]	1505 – 1520, single-channel
Package Type	Module, Nuphoton custom chassis
Saturated Optical Output Power [dBm]	+21 [@ 1520 nm]
Nominal Signal Gain [dB]	30
Optical Input / Output Termination	PM-FC/APC