Low Noise Multi-wavelengths C-band Optical Amplifier (DWDM Type)

WLN-220C-35G-SM/PM-N23-R-XX

- C-band wavelength coverage 1530 ~ 1563nm
- Low noise figure of 4.0dB
- Low total input power level of -35dBm



Specifications

Parameter	Specificfation			
	Min	Typ.	Max	Unit
Operating Wavelength	1530		1563	nm
Input Signal Type		Continuous Wave (CW)		
Total Input Power Level	-35		-15	dBm
Output Power@ -15dBm Total Input Power (1)	12	13	22	dBm
Small Signal Gain @ -23dBm Total Input Power	33	35		dB
Noise Figure @ -23dBm Total Input Power, Max. Output		4.0	4.5	dBm
Gain Flatness@ -23dBm dBm Total Input Power		+/-1.0	+/-1.50	dB
Input/Output Isolation		> 30		dB
Number of Channel		10 ~ 40		
Optical Return Loss		50		dB
Polarization Dependent Gain (PDG) (SM Type)		0.3	0.4	dB
Polarization Mode Dispersion (PMD) (SM Type)		0.3	0.4	ps
Polarization Extinction Ratio (PER) (PM Type)				
Input/Output Fiber Connector		FC/SPC, SC/SPC, FC/APC, or SC/APC		
Input/Output Fiber Type		SMF-28e or PM1550		
Control Method		ACC Only		
PC interface		RS232		
Operating Temperature		15 to 40		°C
Storage Temperature		0 to + 60		°C
Power Supply		AC 100-240 (50/60Hz)		Vac
Dimensiosn (Wx H x D)		449 x 88 x 380		mm
Weight		< 8		kg

(1) Exclusive connector loss.

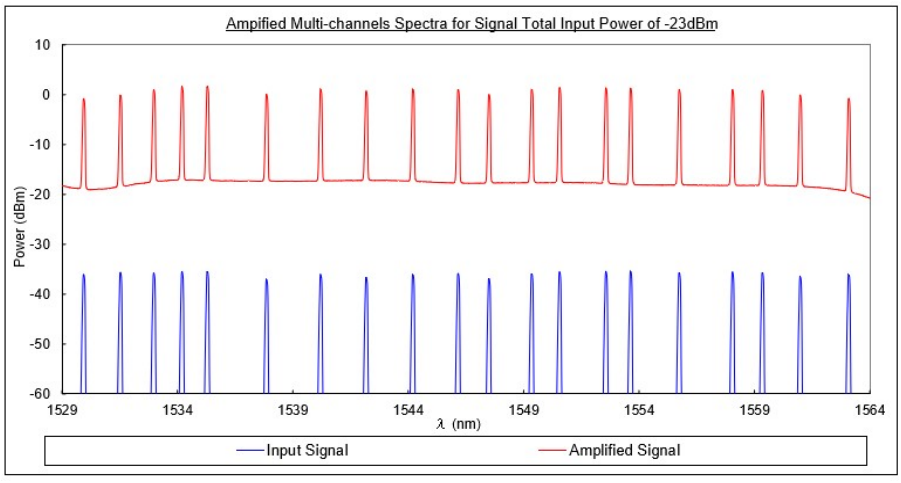


Fig. 1: Amplified Optical Spectrum for 20 WDM Signal with Total Input Power of −23dBm

Ordering Information