

## Specifications

	AP3314A-1 (one input +10dBm max) AP3314A-11 (Two inputs +10dBm max)	AP3314A-3 (one input +33dBm max) AP3314A-33 (Two inputs +33dBm max)
	AP3314A-13 (Two inputs; one +10dBm max plus one +33dBm)	
Wavelength range	800 to 1700 nm	
Calibrated wavelengths	980,1310, 1480,1550,1610 nm	
Photo diode	InGaAs	
Fiber type	9/125 to 50/125 $\mu$ m	
Display range <sup>(*2)</sup>	-70 to +10dBm	-50 to +30dBm
Display range after zeroing <sup>(*2)</sup>	-80 to +10dBm	-60 to +30dBm
Max. permitted level	+10dBm	+30dBm (+33dBm few min)
Intrinsic uncertainty <sup>(*1)</sup>	$\pm 0.21$ dB ( $\pm 5\%$ )	
Overall measurement uncertainty	-80 to +10dBm 980nm $\pm 0.5$ dB $\pm 0.2$ nW 1310~1610nm $\pm 0.2$ dB $\pm 0.1$ nW	-60 to +30dBm (+33dBm few mn) 980nm $\pm 0.5$ dB $\pm 20$ nW 1310~1610nm $\pm 0.2$ dB $\pm 10$ nW
Optional optical connectors	FC (female): Different styles of optical connector interchangeable adapter (ST/SC/...) and bare optical fiber adapter can be defined by customer.	
Fiber type	Single-mode or Multimode 9/125 or 50/125 $\mu$ m	
Ambient temperature	Nominal range of use $-10^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ ; Storage and transport $-40^{\circ}\text{C}$ to $+70^{\circ}\text{C}$	