

## Specifications:

	<b>AP201x Series</b>	<b>AP206x Series</b>	<b>AP207x Series</b>
Wavelength measurement range	AP2010A : 1526 to 1567 nm AP2011A : 1526 to 1607 nm AP2012A : 1567 to 1607 nm	AP2060A : 1526 to 1567 nm AP2061A : 1526 to 1607 nm AP2062A : 1567 to 1607 nm	AP2070A : 1526 to 1567 nm AP2071A : 1526 to 1607 nm AP2072A : 1567 to 1607 nm
Wavelength span range	AP2010A : 170 pm to 41 nm AP2011A : 170 pm to 81 nm AP2012A : 170 pm to 40 nm	AP2060A : 170 pm to 41 nm AP2061A : 170 pm to 81 nm AP2062A : 170 pm to 40 nm	AP2070A : 170 pm to 41 nm AP2071A : 170 pm to 81 nm AP2072A : 170 pm to 40 nm
Wavelength resolution(@ 3 dB) <sup>d</sup>	20MHz/0.16pm	20MHz/0.16pm 140MHz/1.12pm Virtual Resolution Bandwidth	5MHz/0.04pm;20MHz/0.16pm 100MHz/0.8pm;140MHz/1.12pm Virtual RBW
Dynamic range <sup>a f</sup>	85 dB		
Close-in dynamic range <sup>a f</sup>	>40 dB @ +/- 1.3 pm >60 dB @ +/- 8 pm >70 dB @ +/- 30 pm		
Spurious free dynamic range <sup>d</sup> <sub>f</sub>	50 dB <sup>(1)</sup>		
Sweep time <sup>d</sup>	Between 0.4 nm/s (min) & 1.2 nm/s (max)		
Measurement level range <sup>a f</sup>	-73 dBm (monochromatic) to +10 dBm		
Absolute level accuracy <sup>a h</sup>	+/- 0.3dB <sup>(2)</sup>		
Level repeatability <sup>a b d h</sup>	+/- 0.2dB		
Optical input	1x FC/APC for PM	1x FC/PC for SM fibre	1x FC/PC for SM fibre input

	fibre input	input	2x FC/APC for PM fibre inputs
Internal WL calibrator	Yes		
Display capabilities			
X scale	Wavelength in nm or frequency in GHz		
Y scale	Optical power in mW or dBm		

#### Option Specifications:

	Option 201x-01	Option 206x-01	Option 207x-01
Tunable Laser Source Specifications			
Wavelength range	Identical as the wavelength measurement range of the chosen model		
Spectrum line width (@ 3 dB)	3 MHz Typical		
Output power	-3 dBm Typical		
SMSR	> 50 dBc		
ASE	< - 50 dBc over 0.1 nm		
RIN	-135 dB/Hz		
Wavelength stability	1 pm @ 15 min, 2 pm @ 1 h		
Power stability	0.07 dB @ 15 min, 0.09 dB @ 1 h		
Fiber/connector type	PM fibre FC/APC connector	SM fibre FC/APC connector	
Optical tracking generator specifications			
Dynamic <sup>h</sup>	55 dB		
Resolution <sup>h</sup>	1 MHz		

Option 201x-02
Input interface from PM to SM fibre