

HP 11896A

HP 11896A Polarization Controller 1250nm - 1600nm

Description

The HP Agilent 11896A adjusts polarization and not power. Its optical fiber loop design provides all states of polarization with extremely small optical insertion-loss variations (± 0.002 dB) over a wide spectral range (1250 to 1600 nm). This performance combination maximizes measurement accuracy for power sensitive applications like polarization-dependent loss and gain. This is because the measurement uncertainty contributed by the polarization controller is minimized.



SPECIFICATIONS

Model	HP 11896A
Wavelength	1250 - 1600 nm
Insertion Loss*	<2.0 dB
Optical Return Loss*	35 dB
Polarization Extinction Ratio	>40 dB
Paddle Adjustment	Paddle angle resolution: 0.18° Settling time: <1 sec Number of scan rates: 8 Maximum paddle rotation rate 360°/sec
Maximum Allowable Input Power	+23 dBm

* Characteristic, non-warranted performance