

偏振消光比测试仪 ER3100, 以高精度快速测量偏振消光比;偏振角度.

同时 ER3100 在测量时提供保留最大和 最小 PER 和显示相关功率的功能.

因而 ER3100 非常适合于测量保偏器件的 PER,使保偏光纤对准到激光二极管,偏振器和其他保偏器件.

Polarization extinction ratio tester ER3100 can measure polarization extinction ratio quickly with high accuracy; Angle of polarization

At the same time, ER3100 provides the function of retaining the maximum and minimum PER and displaying relevant power during measurement

Therefore, ER3100 is very suitable for measuring the PER of polarization maintaining devices, so that the polarization maintaining fiber can be aligned with laser diodes, polarizers and other polarization maintaining devices

主要特点 Features

- 偏振消光比测量的宽动态范围:最高至 50dB
Wide dynamic range of polarization extinction ratio measurement: up to 50dB
- 宽输入功率范围:-40dB~+10dB
Wide input power range: - 40dB~+10dB
- 保持偏振消光比最小值 Maintain minimum polarization extinction ratio
- 显示相关的功率 Display the relevant power
- GPIB/RS232 远程接口
GPIB/RS232 remote interface
- 通道数:单通道, 双通道可选 Number of channels: single channel, dual channel optional

应用领域 Applications

- 偏振消光比测量 Polarization extinction ratio measurement
- 对准偏振轴的光学装置 Optical device aligned with the polarization axis



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性能参数:

波长范围	1260nm ~ 1650 nm
输入功率范围	-40 dBm ~ +10 dBm
PER 动态范围	0 dB ~ 50 dB for input power -5 ~ +10 dBm
	0 dB ~ 45 dB for input power -10 ~ -5 dBm
	0 dB ~ 35 dB for input power -20 ~ -10 dBm
	0 dB ~ 25 dB for input power -30 ~ -20 dBm
PER 分辨率	0.1 dB
PER 精确度	± 0.3 dB for PER < 40 dB
角度分辨率	0.1。
角度精确度	± 1 。
功率分辨率	0.1 dB
功率精确度	± 0.3 dB at 1550m
测量速度	0.1 ~ 2 sec
连接头型号	FC / PC
交流电源输入	100 ~ 240 VAC, 50 / 60 Hz
接口	RS232 / GPIB / USB 2.0
使用温度	0 °C ~ 40°C
外形尺寸	448 (W) x 410 (D) x 108 (H) mm

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