手动光纤延迟线

Manual Optic Delay Line

〖特性 Features〗

- 独特的延迟机械装置
  Unique delay mechanism
- 连续可靠工作
  continuous and reliable operation
- 宽延迟范围
  Wide delay range
- 延迟精度高
  High delay accuracy
- 高可靠性
  High reliability
- 较低的偏振相关损耗（<0.1dB）
  Lower polarization dependent loss(<0.1dB)
- 简洁紧凑的结构
  Simple and compact structure

〖应用 Applications〗

- 雷达测试、校准
  Radar testing、calibration
- 相控天线阵列
  Phased antenna array
- 光学相干层析 X 射线照相法
  Optical coherence mography X-ray photography method
- 光干涉度量
  Light interference measuring method
- 光纤传感器
  Optic fiber sensor

〖规格参数 Specification〗

参数 Parameters	指标 Value
工作波长（nm） Operation wavelength（nm）	1260-1650,1310-1550,可定制 850,980,1060 1260-1650,1310-1550,Customizable 850,980,1060
校准波长（nm） Calibration wavelength（nm）	1310-1550
延迟范围 Optical delay range	0~100 ps
	0~330 ps
	0~700 ps
	0~1500ps
分辨率 Distinguishability	0.05ps
插入耗损 Insertion loss	典型 0.8dB,最大 1.2dB（0-1500PS 耗损≤1.4db） Typ.0.8dB, max 1.2dB（0-1500PS loss≤1.4db）
插入损耗变化 Insertion loss variation	±0.25dB 对应 0-100PS 模块 ±0.25dB over entire range for 0-100PS model
	±0.35 dB 对应 0-330PS 模块 ±0.35 dB over entire range for 0-330PS model

	±0.55 dB 对应 0-700PS 模块 ±0.55 dB over entire range for 0-700PS model
	±1.5 dB 对应 0-1500PS 模块 ±1.5 dB over entire range for 0-1500PS model
回波损耗 Return loss	> 55 dB
消光比 Extinction ratio	>18 dB
传输光功率 Transmission optical power	光功率典型 500mW/可定制 5W/10W/15W/20W/30WT yp. 500mW/ can be Customized 5W/10W/15W/20W/30W
工作温度 Operating temperature	0~50℃
储存温度 Storage temperature	-40~65℃
光纤类型 Fiber type	Conning SMF-28,or Fujikura PM Panda fiber
Size (L x W x H) 尺寸 (长 x 宽 x 高)	72.53 x32x 35.5mm for 100ps model
	105x32x 35.5mm for 330ps model
	167.54x32x 35.5mm for 700ps model
	169x 46x 35.5mm for 1500ps model

〖订货信息 ordering information〗

Z G	延迟范围 Delay	光纤类型 Fiber type	纤长 Fiber length	连接头 Connector
	10=100ps 33=330ps 70=700ps 150=1500ps XX=others	S9=SMF 900um M5=MMF 50/125/900um M6=MMF 62.5/125/900um PM= PM Panda XX=others	1=1.0m 2=2.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others

〖典型延迟谱线 Typical delay lines〗