

电动光延迟线

Electric optical DL

【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 Delay range	0~100ps
	0~330ps
	0~700 ps
	0~1500ps
分辨率 Distinguishability	0.05ps
插入损耗 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)
重复性 Repetitive	±0.5ps
	±0.2dB 对应 0- 100ps 模块 ±0.2dB over entire range for 0- 100ps model

延迟线系列 Delay Line Series

	± 0.3 dB 对应 0- 330ps 模块 ± 0.3 dB over entire range for 0- 330ps model
	± 0.4 dB 对应 0- 700ps 模块 ± 0.4 dB over entire range for 0- 700ps model
	± 0.8 dB 对应 1500PS 模块 ± 0.8 dB over entire range for 1500PS model
回波损耗 Return loss	> 55 dB
消光比 Extinction ratio	> 18 dB
传输光功率 Transmission operating power	光功率典型 500mW/可定制 5W/10W/15W/20W/30W
工作温度 Operating temperature	0~65℃
储存温度 Storage temperature	-40~85℃
光纤类型 Fiber type	Conning SMF-28,or Fujikura PM Panda fiber
尺寸(L x W x H) Size (L x W x H)	114 x 33 x 35.5mm for 100ps model
	148.5 x 33 x 35.5mm for 330ps model
	203.5x 33 x 35.5mm for 700ps model
	210.5x 46 x 35.5mm for 1500ps model

以上规格均不含连接头

Above all specifications without connectors.

【订货信息 ordering information】

GD	延迟范围 Delay	光纤类型 Fiber type	光纤长度 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】

