

Motorized Variable Optical Delay Line OCT Module

The OCT Module of Lightcomm is developed based on customer customization. The module mainly uses couplers, optical attenuators and delay lines and other devices to achieve the interference function of the optical path. It features low insertion loss, precise optical path length difference, no fiber dispersion, convenient adjustment and high stability. It is widely applied in medical fields such as ophthalmic diagnosis.

【Features】

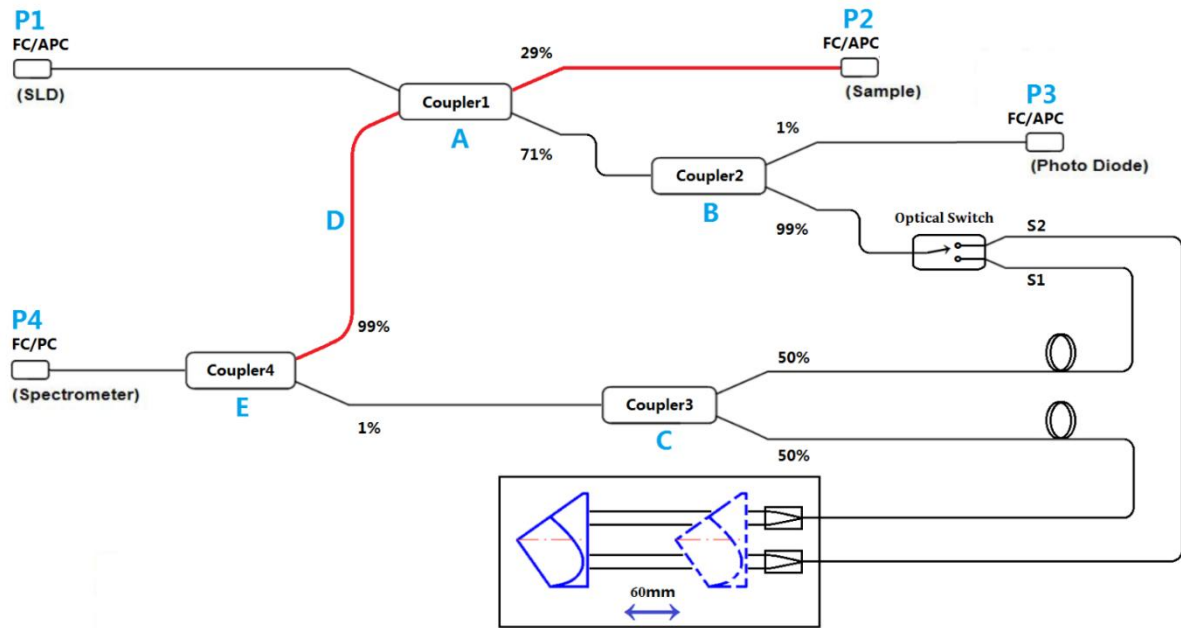
- ◆ Customized
- ◆ Miniaturization
- ◆ Integration module
- ◆ Loss small
- ◆ High precision
- ◆ Without dispersion

【Applications】

- ◆ Ophthalmic Diagnosis
- ◆ Medical Treatment
- ◆ Scientific Research

【Specification】

Parameters		Unit	Specification
Wavelength Range		nm	840~860 Customizable
IL	P1→A→P2	dB	5.29~5.89
	P1→A→B→P3		21.48~22.67
	P1→A→B→S1→C→E→P4		25.93~26.86
	P1→A→B→S2→C→E→P4		26.75~27.99
	P2→A→D→E→P4		1.53~2.58
Return Loss		dB	≥50
Fiber length difference between reference and sample path ABCE-(2*P2A+ADE)		mm	750±3 Customizable
Operating Temperature		℃	0~+40
Storage Temperature		℃	-20~+65
Fiber Type		--	HI 780C Customizable
Fiber Length (With 2.0mm loose tube)		--	0.495~3.025m Customizable
Connector Type		--	FC/APC, FC/PC Customizable
Operating voltage		v	12
Package Dimension		mm	150*80*40 Customizable



【Ordering information】

OCTM-(WBC+OS+OFDL)-2*2-840-2-720-FC/APC*3-FC/PC*1-150*80*40-0.495/3.025/0.66/0.7m