Programmable Motorized Polarization Controller

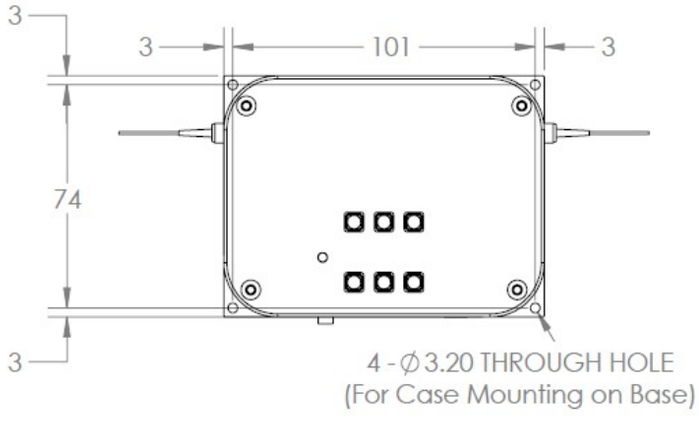
ELC Series

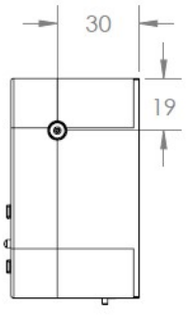


- Programmable 3 axis-motorized polarization controller
- Local control for individual axis adjustment
- Optical waveplates configuration, flexible combination

Specification

	Parameter	Min.	Typ.	Max.	Unit
Controll Unit Collimator Frame	Insertion Loss [1]			0.8	dB
	Return Loss	50			dB
	Optical Fiber		SMF ϕ2mm, 1m		
	Optical Connector		FC or SC, SPC or APC		
	Motor Speed		Manual Slider		
	PC Interface		Micro USB (Virtual COM Port) RS232		
	Functionality		Individual Axis Control Simulataneous XYZ Axis Rotation Slow Scarmbling Functionality		
	Power Supply		DC+5V, 2A (2.1mm ϕ)		
	Dimension (W x H X D)		107 x 50 x 80		mm
Quarter-wave Plate (Q) Half-wave Plate (H)	Insertiuon Loss		0.1		dB
	Loss Variation		0.1		dB
Polarizer (P)	Insertiuon Loss		0.1		dB
	Extinction Ratio	35			dB





Order Instruction

Ordering Information

ELC-□□-□□□-□□-□□

Wavelength	Cartridge	Fiber Type	Connector Type
15: 1550nm	P: Polarizer	SM: SMF	FS: FC/SPC
13: 1310nm	Q: 1/4-Wave Plate	PM: Panda	FA: FC/APC
	H: 1/2 Waveplate		SS: SC/SPC
	N: N/A		SA: SC/APC

CT031_ELC-1513-PQH-SM/PM-XX_R1.00

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