

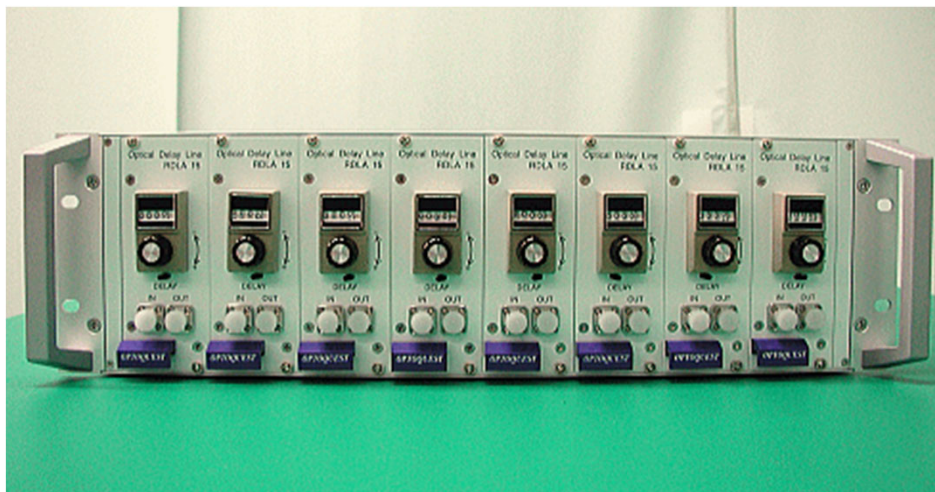
Rack Type Polarization Controller Unit

Polarization controllers manually produce various polarization states by rotating two axes of $\lambda/2$ and $\lambda/4$ plates. This product combines them as units and can hold up to 8 units in a 3U rack.

This product is recommended to be used when testing each channel.

Features

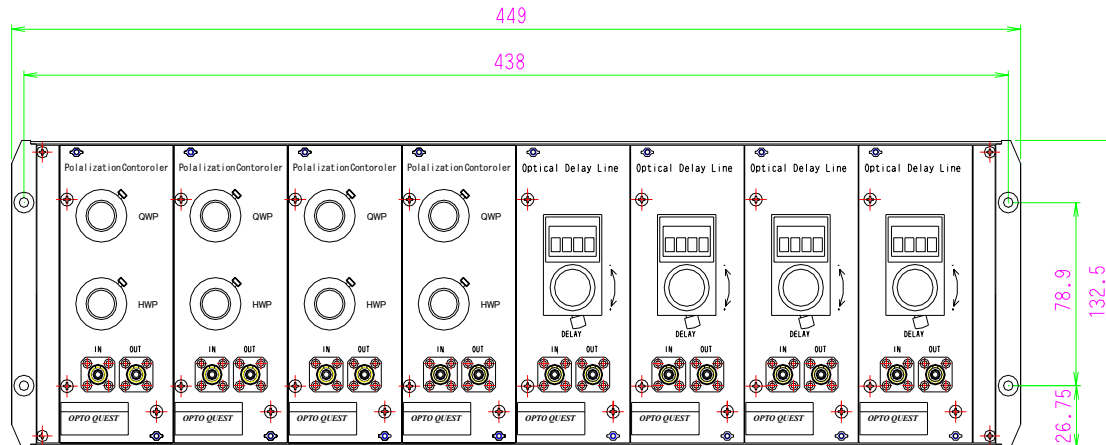
- Low loss, low loss fluctuation, and high return loss
- All units are compatible with other optical delay lines and wavelength tunable filter units, and they can be arbitrarily combined within a rack.



Typical Specifications

Model	RPCA
Insertion Loss	≤ 0.8 dB (including loss fluctuation)
Loss Fluctuation	≤ 0.1 dB
Return Loss	≥ 50 dB
Wave Plate Configuration	$\lambda/2$ Wave plate + $\lambda/4$ Wave plate
Optical Fiber	SMF or DSF or PMF
Optical Adapter	FC Type or SC Type

Product Dimensions



Depth : 310.4mm

Combination example: RPCA (4ch) + Optical Delay Line RDLA (4ch)
***The Wavelength Tunable Filter Unit, Delay Line Unit and Variable Optical Attenuator Unit can also be combined.**

Ordering Instructions

+Rack Type Polarization Controller unit

Order format: RPCA - (1) - (2) / (3)

Order format example: RPCA-15-S/F

(λ:1550nm, Fiber: SMF, Connector: FC/SPC)

+Rack (This is Shelf for 19inch rack)

Order format: RC - 19

(1) Wavelength	15: 1550 nm 13: 1310 nm B: Broadband(1260-1620nm)
(2) Optical Fiber	S: SMF D: DSF P: PMF
(3) Optical Adapter	F: FC/SPC S: SC/SPC FA: FC/Angled PC SA: SC/Angled PC

*Broadband type (1260-1620nm) is option.