Rack Type Delay Line Unit

Manual type optical delay lines enable highly precise and stable adjustment of the amount of delay by tuning optical path length. This product combines the delay lines as units. A 3U rack can contain up to 8 units.
Since every optical path is designed to be tunable in space, it is very unlikely to be affected by polarization or dispersion.

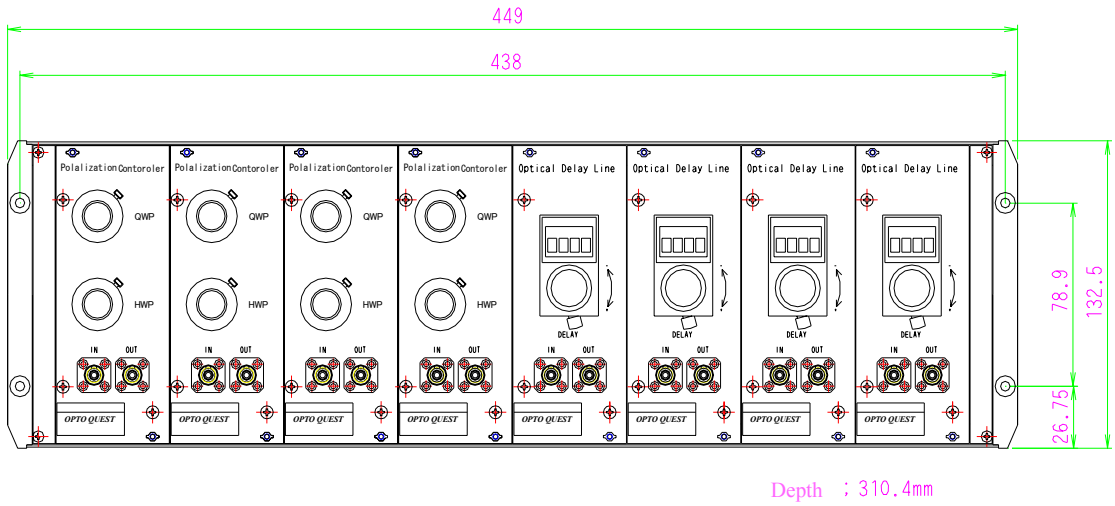
Features

- Low loss; low loss fluctuation; and high return loss
- High resolution and a large amount of delay
- All units are compatable with the Polarization Controller and Wavelength Tunable Filter modules and can be arbitrarily combined within a rack

Typical Specifications

Model	RDLA
Insertion Loss	≤ 1.5 dB (including loss fluctuation)
Loss Fluctuation	≤ 0.2 dB
Return Loss	≥ 50 dB
Amount of Delay	≥ 300 psec
Resolution	≤ 0.03 psec
PDL	≤ 0.1 dB
Optical Fiber	SMF or DSF or PMF
Optical Adapter	FC Type or SC Type

Product Dimensions



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

Ordering Instructions

+Rack Type Optical Delay Line Unit
Order format: RDLA - (1) - (2) / (3)
Order format example: RDLA-15-S/F
(Wavelength=1550nm, Fiber: SMF, Connecter: FC/SPC)

+Rack (This is Shelf for 19inch rack)
Order format: RC - 19

(1) Wavelength	15: 1550 nm 13: 1310 nm
(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