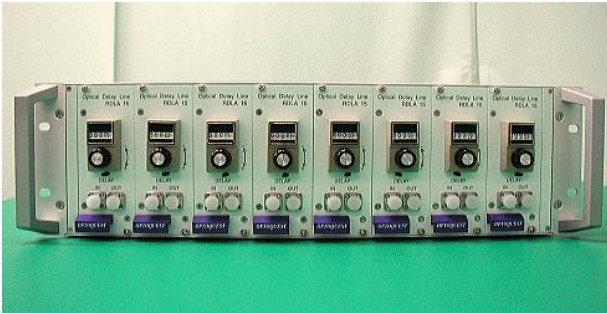


## Rack Series Optical Delayline/Polarization Controller

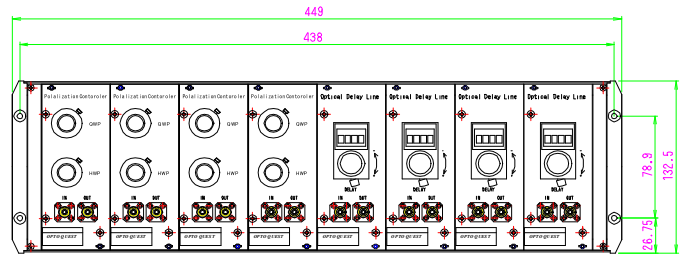
### Key Features

- Up to 8 units can be mixed
- Suited for 19 inches rack, saving space
- Applicable to S, C, L-band
- Low insertion loss

RDLA



RPCA+RDLA



D;310.4mm

### Specification

Example of unit	Optical Delay Line (RDLA)	Polarization Controller (RPCA)
Insertion Loss	$\leq 1.5\text{dB}$ (Including loss variation)	$\leq 0.8\text{dB}$ (Including loss variation)
Loss Variation	$\leq 0.2\text{ dB}$	$\leq 0.1\text{ dB}$
Return Loss	$\geq 50\text{ dB}$	$\geq 50\text{ dB}$
Delay Time	$\geq 300\text{ psec}$	—
Resolution	$\leq 0.03\text{ psec}$	—
PDL	$\leq 0.1\text{ dB}$	—
Optical Fiber	SMF or DSF	SMF or DSF
Optical Adaptor	FC or SC	FC or SC

# OPTOQUEST PRODUCTS

Example of unit	Wavelength Tunable Filter (RTFA)	※Optical Attenuator (RATA)
Insertion Loss	≤1.0 dB	≤0.6 dB
Return Loss	≥50 dB	≥50 dB
Tuning Range	15 nm	0~45 dB
Optical Fiber	SMF or DSF	SMF or DSF
Optical Connector	FC or SC	FC or SC

※Optical attenuator (RATA) is to be released

## Order form

- 1) Product: 19 inch Rack (Main frame) Model: RC 19
- 2) Product: Delay line/Polarization controller Model: RDLA/RPCA  
Order form: RDLA-  $\frac{15}{\text{①}} - \frac{D}{\text{②}} / \frac{F}{\text{③}}$
- 3) Product: Wavelength tunable filter Model: RTFA  
Order form: RTFA- 1570-  $\frac{1}{\text{⑦}} - \frac{3}{\text{⑧}} - \frac{S}{\text{②}} / \frac{F}{\text{③}}$
- 4) Patch cord  
Order form:  $\frac{SMF}{\text{②}} - \frac{50}{\text{④}} - \frac{F/F}{\text{⑤}}$

① Wavelength	15: 1550 nm 13: 1310 nm
② Optical Fiber	S: SMF D: DSF P: PMF DP: DS-PMF
③ Optical Adapter	F: FC S: SC
④ Fiber Length	50: 500 mm 100: 1000 mm 200: 2000 mm
⑤ Optical Connector	F: FC/SPC S: SC/SPC FA: FC/APC SA: SC/APC
⑥ Spectrum Width	Custom specified
⑦ Number of Cavity	

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