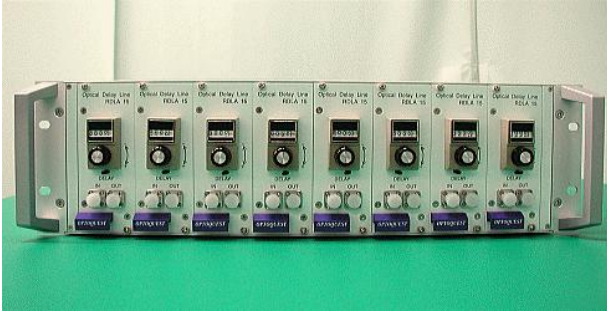


Rack Series Optical Delayline/Polarization Controller

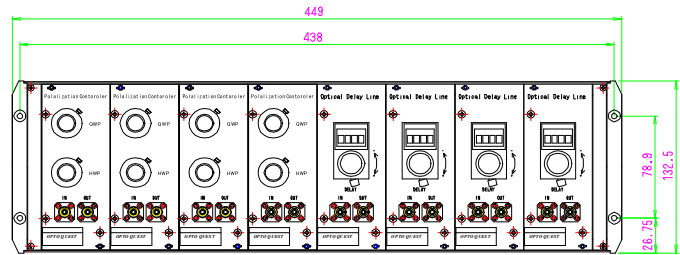
Key Features

- 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 | |

I-WAVE Corporation.

MetLife Kanda Nishikicho Bldg 13F, 3-23-1 Kanda Nishikicho,
Chiyoda-ku, Tokyo, 101-0054, Japan

TEL: +81(0)3-5281-8652 FAX: +81(0)3-5281-8654

E-mail: sales@i-waveco.com URL: <http://www.i-waveco.com>