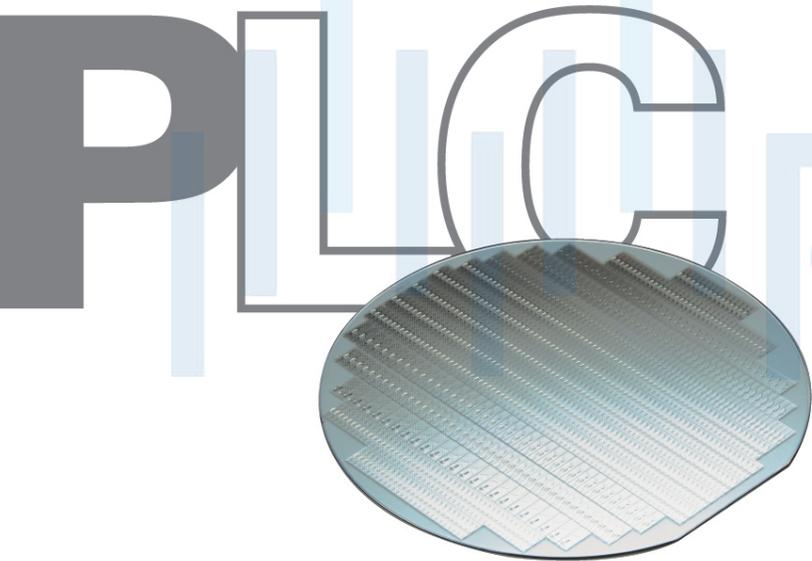


# PLC Foundry Service

## Planar Lightwave Circuit(PLC) Foundry Service

FIBERPRO offers PLC foundry service to fabricate waveguides of silica glass based on the customer's circuit design information. FIBERPRO also provides PLC design service for the customer's request.



### Wafer

- Silica / Silicon

### Waveguide Material

- Ge-SiO<sub>2</sub> (0.3~4.0 Delta%)
- Si<sub>3</sub>N<sub>4</sub>

### Structure

- Straight & Curved
- Y-Branch
- 2×2 WINC (Wavelength Insensitive Coupling)
- AWG (Arrayed-Waveguide Grating)
- MZI (Mach-Zehnder Interferometer)
- Ring Resonator
- Tap & Grating Coupler

