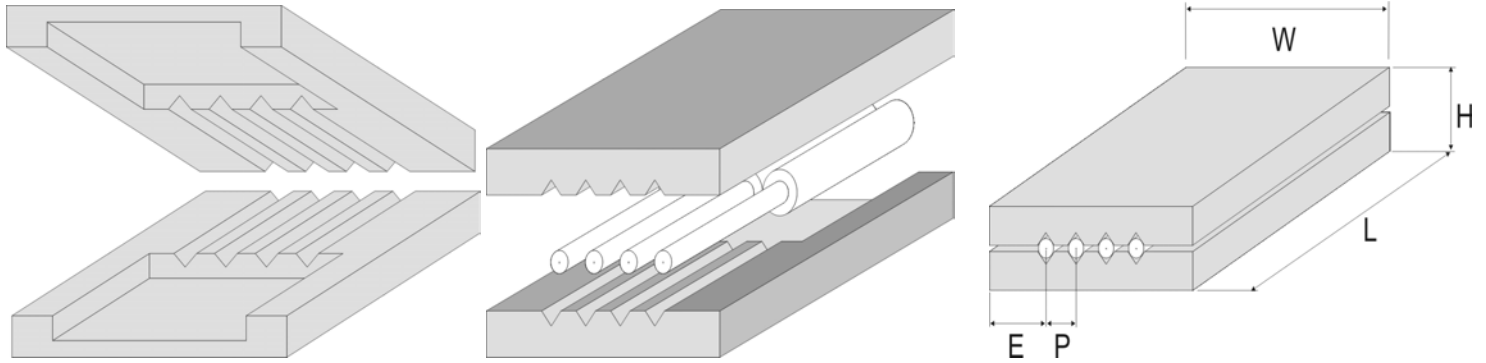


# Fiber-Arrays

## Description

Fiber-Arrays consist of single mode optical fibers assembled and polished within an angled silicon V-groove. Assembled arrays come with a specific number of fibers, a fiber type and connectors on one end, and different pitches. The angled tip of arrays reduces back-reflection.



## Specifications

Uniform positioning of the fiber centers due to proprietary assembly process.

## Ordering Information

Ordering Code: **Fiber-Array\_n\_P\_A\_H\_W\_L\_E\_AR**[ $\lambda_1$ - $\lambda_2$ ]**\_FT/I/CT**

Key:

- **n** - number of grooves/fibers
- **P** – pitch ( $\mu m$ )
- **A** - polishing angle ( $^\circ$ )
- **H** - array height ( $mm$ )
- **W** – overall array width ( $mm$ )
- **L** – array length ( $mm$ )
- **E** – distance of fiber center from edge ( $mm$ )
- **AR**[ $\lambda_1$ - $\lambda_2$ ]- indicates presence of anti-reflection coating, if any, with its wavelength range ( $nm$ )
- **FT** - the fiber type: **SM**-singlemode, **MM**-multimode fiber, **PM**-polarization maintaining
- **I** - length of fiber ( $mm$ )
- **CT** - connector type

Example: Fiber-array\_4\_250\_8\_1\_4\_11\_1.2\_AR(1520-1580)\_SM/1.5/FC/PC

## Applications

Fiber-arrays can be applied as collimators for light in DWDMs, fiber optic attenuators, connectors, optical isolators, and other devices.