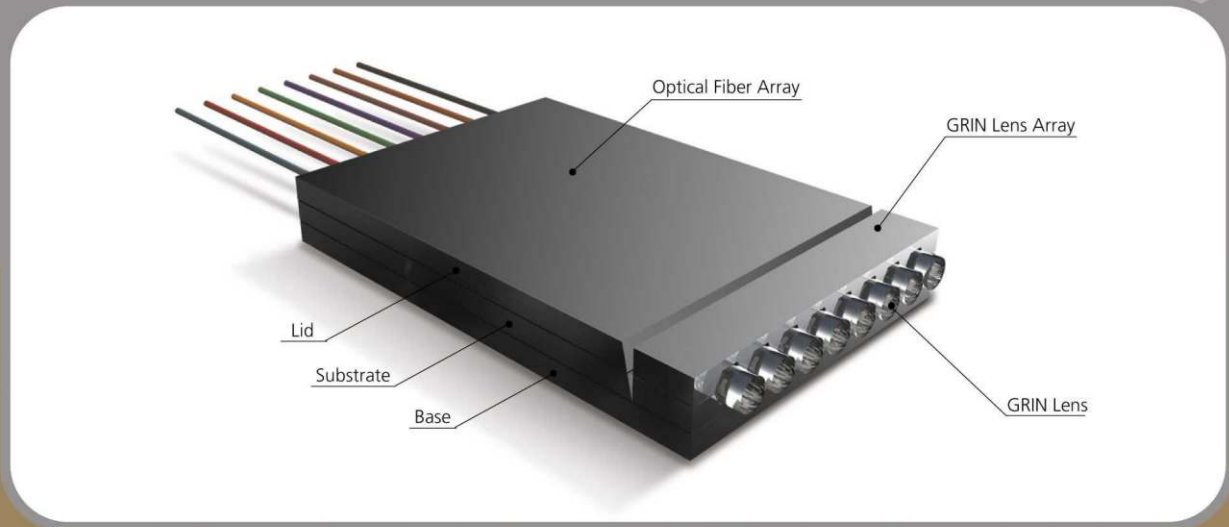


# Collimator Array

One of the important features in array type collimators is beam uniformity, such as diameter and tilt, among channels. Hantech's in-house design and process technology enables mass production, while assuring customers of demanding requirements for performance and quality.



## Features

- In-house manufacturing technology
- Uniform beam pointing and performance
- Accurate pitch and linearity
- Low back reflection and insertion loss
- Customarily connectorized

## Applications

- Isolators, Optical switches, Attenuators
- DWDM products
- MEMS, Free space interconnects

## Specifications

Model	CAG-4	CAG-8	CAG-16	Tolerance
No. of Channel <sup>1</sup>	4	8	16	-
Pitch <sup>1</sup>	1,300 $\mu$ m			$\pm 1 \mu$ m
Insertion Loss	$\leq 0.5$ dB			-
Return Loss	$\geq 55$ dB			-
Beam Divergence <sup>2</sup>	$\leq 0.3^\circ$			-
Working Distance <sup>2</sup>	$\geq 40$ mm			-
Width (W) <sup>1</sup>	6 mm	12 mm	23 mm	$\pm 0.2$ mm
Dimension (L1 / L2 / H) <sup>1</sup>	2.5 / 9.0 / 3.0 (mm)			$\pm 0.2$ mm
Materials of Fiber / sub. / lid	SMF-28 / Silicon / Silicon			-

NOTE : 1. Available for customized dimensions. 2. Controllable upon request.