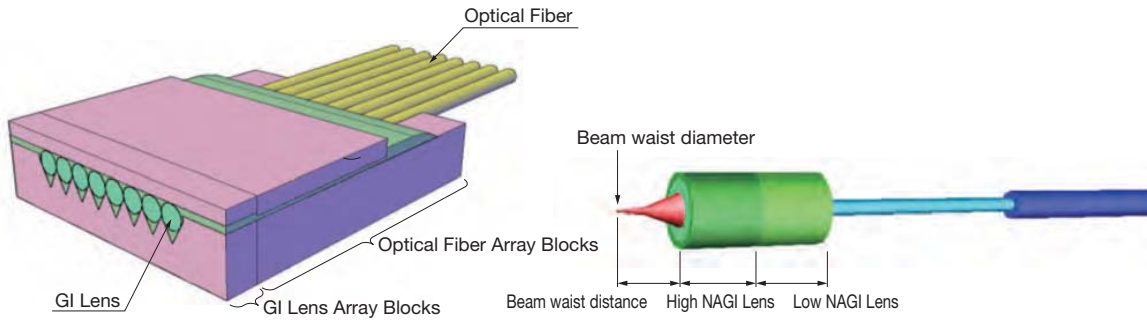


A fiber focuser array capable of 100ch or more.

Fine focusers consist of a low NAGI lens and high NAGI lens in a stepped structure to achieve an ultra-fine spot diameter. Also available as an array for a high-precision layout of ultra-small light beams.



| Specifications | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Type | Fiber focuser array: FF or Fiber fine focuser array: FFF |
| Number of fiber strands | 1 4 8 16 32 |
| Array Pitch | 250µm |
| Beam waist position | ≤2.0mm or ≤50µm |
| Beam waist diameter | ≤50µm or ≤8µm |
| Insertion loss | ≤0.5dB |
| Return loss | 25dB or more (with AR coating *The AR coating is the center wavelength ±50 to 100nm as standard), 45dB or more (angle-polished) |
| Lens End Face Angle | Flat-polished, angle-polished (hexagonal packing, octagonal packing) |
| Wavelength Used | 1310nm, 1550nm |
| Optical Fiber | SMF, PMF (strand diameter 250µm) |
| Connector | FC, SC, ST, MU, LC |
| Lens standard size (WxLxH) | 2x12x3 2x12x3 3x12x3 6x12x3 10x12x3 |

Note: The beam waist diameter and beam waist position are design values, and may not meet the specifications that have been specified. Specifications other than the above can also be custom-designed. Please contact our International Sales Division for more information.

Specifying Part Numbers

- - **250** - - - - -

| | | | |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type FF: Fiber Focuser Array FFF: Fiber Fine Focuser Array | Pitch 250: 250µm | Beam waist diameter 50: 50µm(FF) 8: 8µm(FFF) | Fiber Type SMF2: SMF, 2m PMF1: PMF, 1m |
| Number of fiber strands 01: 1 04: 4 08: 8 16: 16 32: 32 | Beam waist position 2.0: 2.0mm(FF) 50: 50µm(FFF) | Polished Angle 0: Flat 6: Flat-polished, angle-polished (hexagonal packing) 8: Angle-polished (octagonal packing) | Connector Type FC: FC connector SC: SC connector ST: ST connector MU: MU connector LC: LC connector 0: No connector |

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