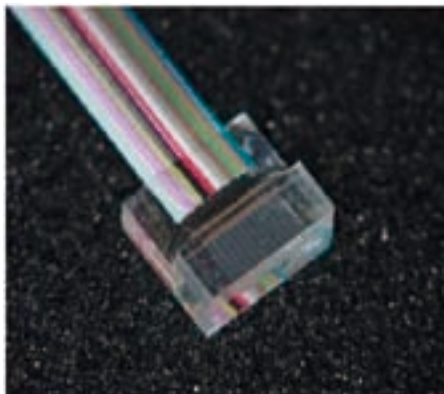
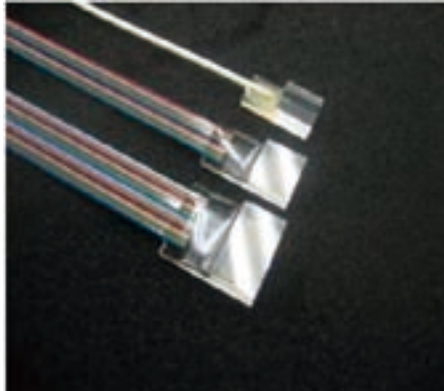


## [Fiber Array]

### Features

- Fiber array is an essential component used in the WDM systems to connect optical fiber and AWG chips

- Our precision processing technology, which we have developed for years, provides high fidelity, quality and core pitch accuracy
- High quality Seikoh-Giken connectors are available at the end of fibers



Miniature Size Fiber Array : Base Length 5mm



Available AR coating on Endface



Available Fanout Connectorization Assembly

- High precision core pitch accuracy
- High reliability

### ORDERING INFORMATION

Ex.1 8ch, 250  $\mu$ m pitch, Tempax, 90-degree polishing, 8ch ribbon fiber, 2m length

SFA - 

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| a | b | c | d | - | e | f | g | L | h |
|---|---|---|---|---|---|---|---|---|---|

Ex.) SFA - 

|   |    |   |   |   |   |   |    |   |    |
|---|----|---|---|---|---|---|----|---|----|
| F | 08 | F | T | - | 1 | E | 08 | L | 20 |
|---|----|---|---|---|---|---|----|---|----|

Ex.2 48ch, 127  $\mu$ m pitch, Silica glass, 98-degree polishing, 12ch ribbon fiber,  $\times$  4pcs, 2m length

SFA - 

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| a | b | c | d | - | e | f | g | L | h |
|---|---|---|---|---|---|---|---|---|---|

Ex.) SFA - 

|   |    |   |   |   |   |   |    |   |    |
|---|----|---|---|---|---|---|----|---|----|
| H | 48 | A | S | - | 4 | T | 12 | L | 20 |
|---|----|---|---|---|---|---|----|---|----|

|   |                          |                            |    |
|---|--------------------------|----------------------------|----|
| a | Pitch                    | 250 $\mu$ m                | F  |
|   |                          | 127 $\mu$ m                | H  |
|   |                          | 1ch                        | N  |
| b | channel                  | 1ch                        | 01 |
|   |                          | 8ch                        | 08 |
|   |                          | 16ch                       | 09 |
|   |                          | 32ch                       | 32 |
|   |                          | 48ch                       | 48 |
| c | Polishing Angle          | 90 degree                  | F  |
|   |                          | 98 degree                  | A  |
|   |                          | 82 degree                  | R  |
| d | Material                 | Tempax (Borofloat)         | T  |
|   |                          | Pyrex                      | P  |
|   |                          | Silica glass               | S  |
| e | Q'ty of ribbon fiber     | 4pcs (example)             | 4  |
|   |                          | $\phi$ 0.25 UV             | S  |
|   |                          | 4ch ribbon fiber           | F  |
|   |                          | 8ch ribbon fiber           | E  |
|   |                          | 12ch ribbon fiber          | T  |
| f | Fiber Type               | $\phi$ 0.9 (SMF-28)        | B  |
|   |                          | 8ch ribbon fiber (example) | 08 |
|   |                          | 2m (standard)              | 20 |
| g | channel per ribbon fiber | 8ch ribbon fiber (example) | 08 |
| h | Length                   | 2m (standard)              | 20 |

### SPECIFICATION

|                 |   |
|-----------------|---|
| Materials       | Tempax (borofloat) (CTE : 3.3 $\times$ 10 $^{-6}$ ) |
|                 | Pyrex (CTE : 3.25 $\times$ 10 $^{-6}$ )             |
|                 | Silica Glass (CTE : 5 $\times$ 10 $^{-7}$ )         |
| Channel         | 1, 8, 16, 32, 48 (other channel available)          |
| Pitch           | 127, 250 $\mu$ m                                    |
| Pitch Accuracy  | $\pm$ 0.5 $\mu$ m                                   |
| Fiber           | SMF28e, Ribbon Fiber (4, 8, 12)                     |
| Polishing Angle | 90, 98, 82 degree                                   |