FIBER

Femtosecond fiber delivery module

Using hollow-core fiber technology, FIBER module delivers ultrashort laser pulses without the negative effects of dispersion and non-linearity.

FIBER module integrates a complete beam launching system, a fiber, a collimation module and an adapted flange to connect your fiber directly to your scanning system.

FIBER module is fully integrated within the laser design and does not require any alignment. Ultrafast laser integration in your micromachining station is as simple as connecting a fiber.

Applications

Industry:
> Microelectronics
> Micromachining

Medical:
> Medical Device Manufacturing

Key Features

> Ease of integration
> High mechanical stability
> Optional collimation output
### Specifications

<table>
<thead>
<tr>
<th>Fiber Length</th>
<th>1,25 m (other length upon request)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>1030 nm</td>
</tr>
<tr>
<td>Transmission</td>
<td>&gt; 85 %</td>
</tr>
<tr>
<td>Collimation</td>
<td>Upon request</td>
</tr>
</tbody>
</table>

### Compatibility

- Satsuma
- Tangor