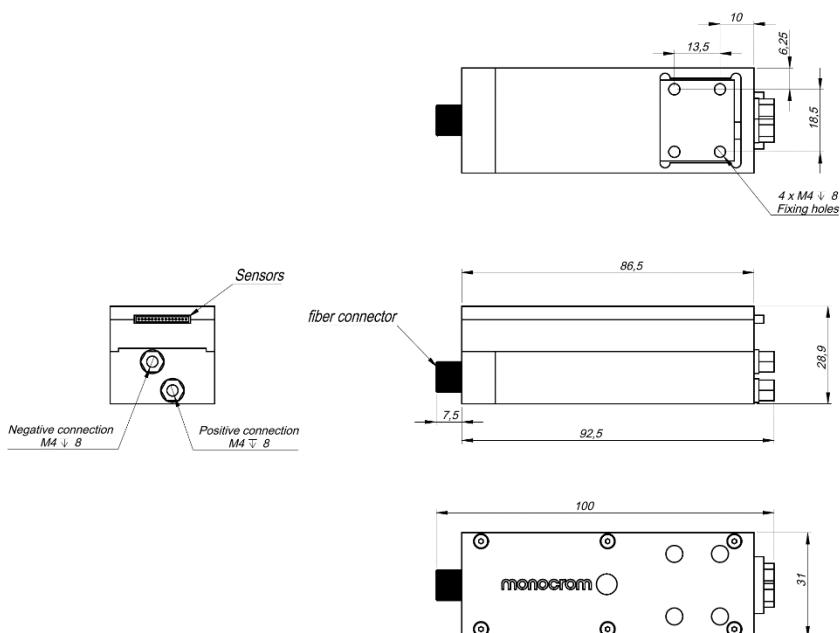


# Fiber-Coupled Module

FC-Module  $\lambda$ 930-950 nm



## Features:

Improved cooling efficiency  
No “smile” effect  
No mechanical stress  
Number of bars on demand  
Central wavelength on demand

## Suitable for:

Interstitial laser induced thermotherapy  
Ophthalmology  
Odontology  
Surgical cardiology

Aesthetics  
Material processing  
Imaging

| Technical specifications <sup>(1,2)</sup> |             |
|-------------------------------------------|-------------|
| Wavelength <sup>(3)</sup> [nm]            | 930 - 950   |
| Wavelength tolerance [nm]                 | ±5          |
| Spectral width, FWHM [nm]                 | < 5         |
| Wavelength shift [nm/K]                   | 0.38        |
| Output power <sup>(2,4)</sup> [W]         | up to 105   |
| Operating current [A]                     | < 135       |
| Differential slope, after threshold [W/A] | 1.1         |
| Voltage @ connectors <sup>(5)</sup> [V]   | 2           |
| Fiber core diameter [μm]                  | down to 200 |
| Numerical aperture                        | 0.22        |
| Fiber input connector                     | HP-SMA 905  |
| Smile [μm]                                | < 0.1       |

- Specifications at 20 °C, at the beginning of the lifetime
- Specifications are subject to chips availability
- Other wavelengths on request
- Expected output power can varies based on current and temperature
- Voltage from the power supply must be higher, as due to high current there will be a voltage drop in the cables
- Pitch dependent