

# foXXus 3.5-11.1\_F200

Objectives of patent-pending design  
to generate multiple foci for multi kW lasers

## Applications:

- Welding
- Cutting

## Features:

- High transmission
- Lossless energy distribution  
in multiple foci
- Variable distances between foci
- CA 48 mm
- TEM<sub>00</sub> and multimode lasers
- Multi kW lasers



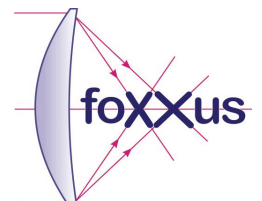
## foXXus 3.5\_11.1\_F200\_1064 specifications

Description	Objective lens with multiple foci
$\Delta F$ in air, mm	2 foci: 3.5 or 11.1 4 foci: 3.8-3.5-3.8
Clear Aperture, mm	48
Focal length, mm	202
Working Distance, mm	188
Spectral band, nm	1020 - 1100 other wavelengths on request
Angular field	$\pm 1^\circ$
Recommended maximum power, CW	6 kW
Mounting	threads M58x1 at entrance and exit
Water cooling	through 6-1/8 fittings
Diameter, mm	90
Length, mm	75.5

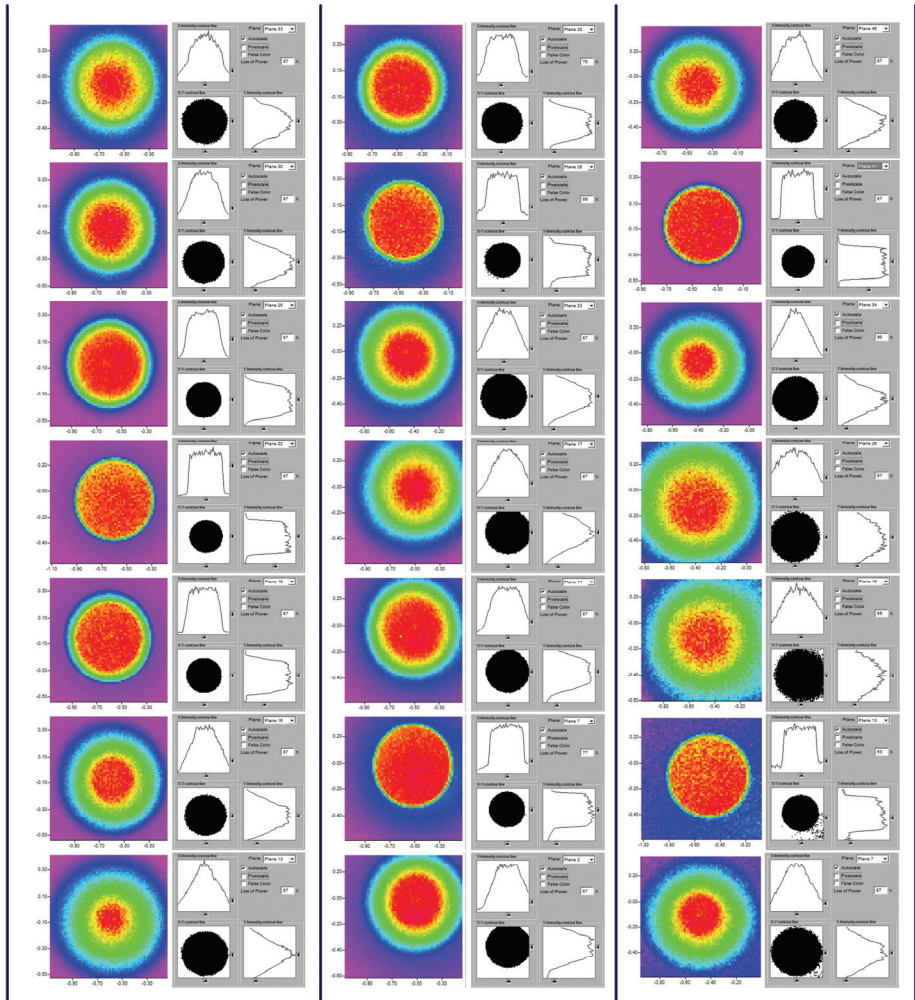
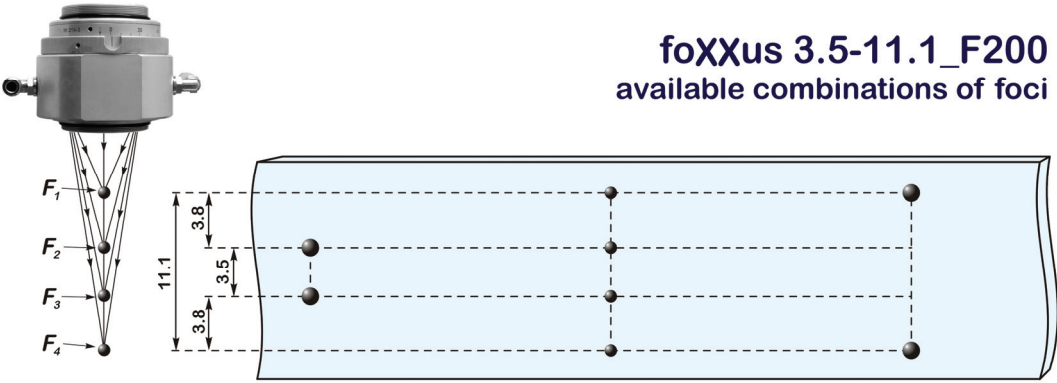


Rudower Chaussee 29, 12489 Berlin Germany  
Tel. +49-30-565908880 E-mail: info@adloptica.com

[www.adloptica.com](http://www.adloptica.com)



**foXXus 3.5-11.1\_F200**  
available combinations of foci



**Example: profiles around foci measured by beam profiler**  
(Courtesy of BIAS, Bremen, Germany)

