

# LINOS F-Theta-Ronar Lenses for 940-980 nm

The new F-Theta-Ronar series is based on the existing, classical and well-known F-Theta-Ronar designs. The new developed broad band coating allows operating conditions from 940 nm up to 980 nm with a high damage threshold. These lenses allow 14 mm to 30 mm full diameters. For best quality 14 mm to 20 mm beam diameters ( $1/e^2$ ) are recommended.

## Features

- Focal lengths ranging from 163 mm to 420 mm
- Broad band coating: 940-980 nm

## Technical Data

- Full beam diameter up to 30 mm
- Max. entrance-beam diameter 20 mm
- Transmission  $\geq 97\%$  at 940-980 nm
- Transmission  $\geq 75\%$  at VIS-range
- Laser-damage threshold up to  $6 \text{ J/cm}^2$  at 1064 nm, 10 ns, 100 Hz
- Includes interchangeable protective glasses



## LINOS F-Theta-Ronar 940-980 nm

Focal length at 980 nm (mm)	Recommended entrance-beam diameter at $1/e^2$ (mm)	Recommended scan field (mm <sup>2</sup> )	Full beam diameter (mm)	Scan field for full beam diameter (mm <sup>2</sup> )	Mounting thread	Part No.
163	14	96 x 96	20	84 x 84	M76x1	4401-527-000-21
254	20	139 x 139	30	80 x 80	M85x1	4401-526-000-21
330	20	204 x 204	30	138 x 138	M85x1	4401-524-000-21
420	20	259 x 259	30	186 x 186	M85x1	4401-525-000-21

### Contact:

lmp@excelitas.com  
Europe +49 (0)551 6935-0  
North America (+1) 800 429 0257  
Asia/Pacific +65 64 99 7777  
www.excelitas.com