



ORDER DESCRIPTION

1. Subject of the order

The subject of the order is a supply of goods, listed below by names and quantities:

- Aspherical lens 5 pcs
- Dedicated handle for the lens 5 pcs

2. Parameters

Name	Parameter	Specification
Aspherical lens	Dimension [mm]	Dia.: $\Phi 6,5 \pm 0,02$
		Active dia.: $\Phi 5,0$
		thickness in lens' center: $2,5 \pm 0,05$
	Material	Black Diamond (BD2)
	Spectral range [nm]	3000 - 5000
	Coating	Anti-Reflective BBAR
	Average transmission in the wavelengths referred to above	>90%
	Numerical aperture (NA)	0,56
	f/#	0,89
	Effective focal length (mm)	$4,00 \pm 1\%$ for a wavelength 2500nm
	Surface finish	80-50
Name	Parameter	Specification
Dedicated handle for the aspherical lens	Internal parameters of the handle	Compliant with the lens' dia., enabling mounting of the lens with dia. 6.5mm
	Lens pressure	Additional ring with M7x0.5 thread
	External dia.	30 ± 0.5 mm
	Handle's thickness	max 10 ± 0.5 mm
	External thread C-MOUNT type	
	Internal thread C-MOUNT type	
	Numerical aperture (NA)	≥ 4.25 mm

The Contractor shall attach technical drawings of the offered goods.