

tech specs

FAC Lenses

Standard products

Features		FAC 900	FAC 600	FAC 300
Wavelength range	nm	800 – 1000		
Numerical aperture	--	0.8		
Focal length	μm	900	600	300
Working distance	μm	100	150	50
Residual divergence @ 85 % power	mrad	≤ ±1.0	≤ ±1.5	≤ ±2.5
Dimensions (height x thickness)	mm	1.6 x 1.5	1.0 x 0.8	0.5 x 0.5
Transmission	%	≥ 98		
Length	mm	customer specific		

Extended Product Portfolio

Features		FAC 150	FAC 200	FAC 1100	Complete Range
Wavelength	nm	800 – 1000			600 – 2200 nm
Numerical aperture	--	0.8 (resp. 0.7)			up to 0.8
Focal length	μm	150	200	1100	100 – 3'000 μm
Working distance	μm	30	55	110	50 – 1'000 μm
Residual divergence @ 85 % power	mrad	≤ ±3.75	≤ ±2.75	≤ ±0.8	depending on focal length
Dimensions (height x thickness)	mm	0.2 x 0.23	0.33 x 0.27	1.5 x 1.8	customer specific
Transmission	%	≥ 98			≥ 98
Length	mm	customer specific			

Customer specific designs upon request