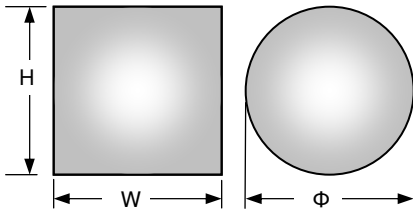


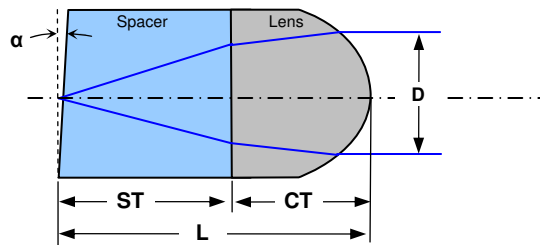
SPHERICAL LENS COLLIMATORS FOR FIBER OPTICS

LENS DRAWING

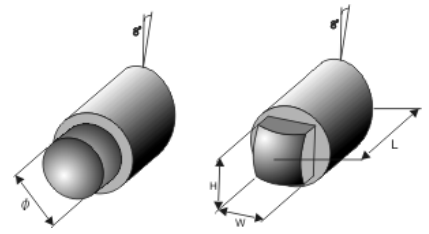
Front view



Side view



3D view



LENS DESIGN INFORMATIONS

Ordering Code : CLM_OFS_MAT_λ ₀ _EFL_HxW_AR(λ ₁ -λ ₂) or CLM_OFS_MAT_λ ₀ _EFL_Φ_AR(λ ₁ -λ ₂)	Paraxial data ¹		Dimensions ¹		
	EFL	D	α	H×W or Φ	L
Lens material: LaSFN9 Spacer material: BK7 Design wavelength: λ₀ = 1550 nm					
CLM_OFS_BK7_1550_1.34_0.25×2.00_AR(1520-1580)	1.34	0.22	8°	0.25×2.00	2.00
CLM_OFS_BK7_1550_2.46_1.8×2.5_AR(1520-1580)	2.46	0.45	8°	1.80×2.50	3.94
CLM_OFS_BK7_1550_4.0_2.50_AR(1520-1580)	4.00	0.69	8°	2.50	6.41
CLM_OFS_BK7_1550_5.5_2.50_AR(1520-1580)	5.50	0.93	8°	2.50	8.82
Lens material: LaSFN9 Spacer material: Fused silica Design wavelength: λ₀ = 1550 nm					
CLM_OFS_FS_1550_1.34_0.25×2.00_AR(1520-1580)	1.34	0.22	8°	0.25×2.00	2.00
CLM_OFS_FS_1550_2.46_1.8×2.5_AR(1520-1580)	2.46	0.45	8°	1.80×2.50	3.94
CLM_OFS_FS_1550_4.0_2.50_AR(1520-1580)	4.00	0.69	8°	2.50	6.41
CLM_OFS_FS_1550_5.5_2.50_AR(1520-1580)	5.50	0.93	8°	2.50	8.82

¹. All units are mm

Legend

MAT: Spacer material **EFL:** Effective focal length **NA:** Numerical aperture **α:** Back surface polished angle **D:** Beam diameter
H×W: Rectangular lens cross section **Φ:** Circular cross section diameter **L:** Total length **ST:** Spacer thickness **LT:** Lens thickness
λ₀: Design wavelength **n:** Refractive index **AR(λ₁ - λ₂):** AR coating wavelength range

