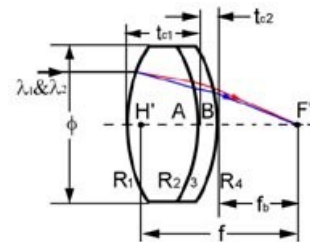


Achromatic Lens

- Positive Achromatic Lenses

Specifications

Design Wavelength: 480.0nm, 546.1nm, 643.8nm
 Diameter Tolerance: +0.0, -0.15mm
 Paraxial Focal Length: $\pm 2\%$ @546.1nm
 Centration: 3 arc minutes
 Clear Aperture: >80%
 Surface Figure: $\lambda/4$ @632.8nm
 Surface Quality: 60-40 scratch and dig
 Coating: Single layer MgF2 broadband AR coating
 Protective Bevel



Part No.	f (mm)	Φ (mm)	R ₁ (mm)	R ₂ =R ₃ (mm)	R ₄ (mm)	T _c (mm)	T _{c1} (mm)	T _{c2} (mm)	f _b (mm)	Lens A	Lens B
ACD-6-10-CT4.4	10.0	6.0	6.5	-4.1	-23.2	4.4	3.6	0.8	7.5	SK9	SF15
ACD-6-15-CT3.7	15.0	6.0	8.8	-6.5	-19.8	3.7	2.7	1.0	13.1	BK7	SF5
ACD-6-20-CT3.6	20.0	6.0	12.4	-8.5	-24.4	3.6	2.6	1.0	18.3	BK7	SF5
ACD-6-25-CT2.9	25.0	6.0	15.7	-10.7	-30.0	3.3	2.3	1.0	23.5	BK7	SF5
ACD-6-30-CT2.9	30.0	6.0	18.9	-12.9	-36.5	2.9	1.9	1.0	28.7	BK7	SF5
ACD-8-25-CT3.9	25.0	8.0	15.6	-10.9	-30.5	3.9	2.9	1.0	23.1	BK7	SF5
ACD-8-30-CT3.7	30.0	8.0	18.9	-12.9	-36.2	3.7	2.7	1.0	28.3	BK7	SF5
ACD-10-20-CT4.8	20.0	10.0	12.3	-9.0	-25.2	4.8	3.8	1.0	17.6	BK7	SF5
ACD-12-25-CT5.5	25.0	12.0	15.3	-11.4	-31.9	5.5	4.2	1.3	22.3	BK7	SF5
ACD-12.7-25-CT5.6	25.0	12.7	15.6	-11.4	-31.1	5.6	4.3	1.3	22.3	BK7	SF5
ACD-12.7-30-CT5.3	30.0	12.7	18.5	-13.5	-37.8	5.3	4.0	1.3	27.4	BK7	SF5
ACD-12.7-40-CT4.7	40.0	12.7	25.2	-17.5	-48.8	4.7	3.4	1.3	37.8	BK7	SF5
ACD-12.7-50-CT4.4	50.0	12.7	31.3	-21.3	-62.4	4.4	3.1	1.3	48.0	BK7	SF5
ACD-12.7-60-CT4.1	60.0	12.7	37.3	-26.4	-75.9	4.1	2.8	1.3	58.1	BK7	SF5
ACD-12.7-75-CT3.9	75.0	12.7	46.8	-33.0	-94.6	3.9	2.6	1.3	73.2	BK7	SF5
ACD-13-40.5-CT4.3	40.5	13.0	25.4	-18.1	-50.5	4.3	3.0	1.3	38.5	BK7	SF5
ACD-14-44-CT4.6	44.0	14.0	27.5	-19.5	-55.0	4.6	3.3	1.3	41.8	BK7	SF5
ACD-17-73-CT5.2	73.0	17.0	47.2	-31.0	-256.1	5.2	3.5	1.7	70.1	SK9	SF5
ACD-18-40-CT6.9	40.0	18.0	24.3	-18.4	-53.1	6.9	5.4	1.5	36.5	BK7	SF5
ACD-18-50-CT6.3	50.0	18.0	31.7	-22.0	-60.6	6.3	4.8	1.5	47.0	BK7	SF5
ACD-18-60-CT5.6	60.0	18.0	37.8	-26.5	-73.8	5.6	4.1	1.5	57.3	BK7	SF5
ACD-18-80-CT4.9	80.0	18.0	49.6	-36.8	-165.6	4.9	3.4	1.5	77.4	BaK1	SF8
ACD-19-56-CT6.23	56.0	19.0	37.2	-29.1	-83.2	6.2	4.6	1.6	53.2	BaK4	SF4
ACD-25-65-CT8.3	65.0	25.0	40.1	-29.6	-84.0	8.3	6.3	2.0	60.9	BK7	SF5
ACD-25.4-50-CT9.8	50.0	25.4	34.6	-24.2	-179.1	9.8	7.8	2.0	44.5	BaF53	SF4
ACD-25.4-60-CT9.0	60.0	25.4	33.0	-29.0	-102.6	9.0	7.0	2.0	54.9	BK7	SF5
ACD-25.4-80-CT7.5	80.0	25.4	49.1	-37.9	-95.9	7.5	5.5	2.0	76.5	K7	SF1
ACD-25.4-100-CT6.5	100.0	25.4	60.7	-44.7	-122.2	6.5	4.5	2.0	97.1	BK3	SF5
ACD-25.4-120-CT6.2	120.0	25.4	73.3	-54.3	-160.0	6.2	4.2	2.0	117.1	BK7	SF5
ACD-26.5-100-CT5.2	100.0	26.5	60.7	-44.6	-121.6	7.4	5.2	2.2	96.5	BK3	SF5
ACD-30-140-CT7.4	140.0	30.0	84.9	-62.2	-170.6	7.4	4.9	2.5	136.0	BK3	SF5



Optics Leading the Light

RONAR-SMITH® Laser Optics & IR Imaging



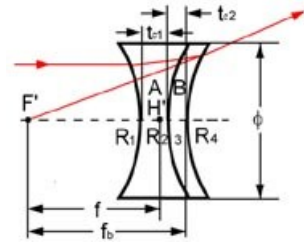
Introduction

RONAR-SMITH® Laser Optics

- Negative Achromatic Lenses

Specifications

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ACD-12.7+25-ET5.7	-25.0	12.7	-15.6	13.1	44.2	5.7	3.0	2.7	-27.5	BK7	F2
ACD-12.7+40-ET5.3	-40.0	12.7	-24.5	18.0	66.6	5.3	3.0	2.3	-42.5	BK7	F2
ACD-25.4+50-ET7.2	-50.0	25.4	-31.2	24.9	85.3	7.2	3.0	4.2	-53.3	BK7	F2

Optics for Medical Laser System
 Semiconductor Spectroscopy Biomedical Application Laser

Optical Material

Laser Accessories Components

