



Acylindrical Equation

$$Z(y) = \frac{c^2 y^2}{1 + \sqrt{1 - (k + 1)c^2 y^2}} + \sum_{i=2}^8 A_{2i} y^{2i}$$

Acylindrical Coefficients

	S1	S2
R	5.7600	Plano
c	0.1736	
k	-0.5876	
A ₄	0.0000	
A ₆	-1.4084 E-6	
A ₈	-6.0291 E-8	
A ₁₀	0.0000	

Sagittal Distances of Acylindrical Surface

Y (mm)	Z(mm)	
	S1	S2
0.0	0.000000	-
2.0	-0.35154	-
4.0	-1.45608	-
6.0	-3.41814	-

SECTION A-A
SCALE 3 : 1

All unspecified surfaces-fine ground

S1		Material/Lens Data		S2	
Radius of Curvature	5.7600 mm	Glass Type	S-TiH53	Radius of Curvature	Plano
Clear Aperture	10.0 mm	n _d / V _d	1.8466 / 23.8	Clear Aperture	12.0 mm
Irregularity	< 1 μm P-V	Focal length	7.00 mm ± 1%	Irregularity	< λ/4 P-V
Centering	Not specified	Numerical Aperture	0.68	Centering	Not specified
Surface Quality	60-40	Design wavelength	808 nm	Surface Quality	60-40
Coating	None			Coating	None

Dimensions in mm
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