

3/2018

Windows


Manufacturing Tolerances			
Attribute	Commercial Quality	Precision Quality	Ultra Precision Quality
Diameter (mm)	+/-0.1	+/-0.03	+/-0.01
Center thickness (mm)	+/-0.1	+/-0.03	+/-0.02
Radius (Power)	4 rings	1 ring	0 rings
Irregularity (waves @633nm)	1	0.25	0.1
Wedge (arc min)	0.5	0.2	0.04
Scratch-Dig	80-50	20-10	10-5
AR Coating (r avg)	< 1.5%	< 0.5%	< 0.2%

Lenses

Manufacturing Tolerances			
Attribute	Commercial Quality	Precision Quality	Ultra Precision Quality
Diameter (mm)	+/-0.1	+/-0.03	+/-0.01
Center thickness (mm)	+/-0.1	+/-0.03	+/-0.02
Radius	+/-1%	+/-0.3%	+/-0.2%
Irregularity (waves @633nm)	1	0.25	0.1
Wedge (arc min)	5	3	1
Scratch-Dig	80-50	20-10	10-5
AR Coating (r avg)	< 1.5%	< 0.5%	< 0.2%

 : www.shanghai-optics.com

 : rfq@shanghai-optics.com

 : 732-321-6915