



NOTES

1. DESIGN WAVELENGTH: 1016.0 nm, 1330.0 nm & 1550.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 1100 nm-1650 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 75.0 mm ±1%@1330.0 nm
7. BACK FOCAL LENGTH(REF): 69.8 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2): $3\lambda/2@632.8\text{ nm}$
10. SURFACE IRREGULARITY(S1,S2): $\lambda/4@632.8\text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{avg}<0.5\%@1100\text{ nm}-1650\text{ nm}$

	MATERIAL
①	N-BAF10
②	N-SF6HT

DRAWING PROJECTION				LBTEK			
	NAME	DATE	AD312-C				
DRAWN	BSHU	Aug./5th/24	$\phi 12.7\text{ mm}, F=75.0\text{ mm}$ ACHROMATIC DOUBLETS AR COATING 1100-1650 nm				
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BAF10/N-SF6	0.53g	5:1	A	