



NOTES

1. DESIGN WAVELENGTH: 706.5 nm, 855.0 nm & 1015.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 700 nm-1100 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ± 0.1 mm
6. FOCAL LENGTH: 50.0 mm $\pm 1\%$ @ 855.0 nm
7. BACK FOCAL LENGTH(REF): 46.2 mm
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S1, S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S1, S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1, S2): AR COATING $R_{\text{avg}} < 0.5\%$ @ 700 nm-1100 nm

	MATERIAL
①	N-BAF10
②	N-SF6HT

DRAWING PROJECTION		LBTEK				
		AD306-B				
DRAWN	BSHU	DATE	$\phi 12.7$ mm, F=50.0 mm ACHROMATIC DOUBLETS AR COATING 700-1100 nm			
APPROVAL	WCHENG	DATE	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BAF10/N-SF6HT	4.54g	10:1	A