



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: 100.0 mm ±1% @ 1330.0 nm
7. BACK FOCAL LENGTH(REF): 83.0 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 Ravg < 0.5% @ 1100 nm-1650 nm

	MATERIAL
①	N-BAF10
②	N-SF6HT

DRAWING PROJECTION				<b>LBTEK</b>			
	NAME	DATE	AD508-C				
DRAWN	BSHU	Aug./5th/24	$\phi 50.8$ mm, F=100.0 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	33.01g	1:1	A	