



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: 400.0 mm±1%@1330.0 nm
7. BACK FOCAL LENGTH(REF): 391.4 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 Ravg<0.5%@ 1100 nm–1650 nm

	MATERIAL
①	N-BAF10
②	N-SF6

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	AD520-C			
DRAWN	BSHU	Aug./5th/24	$\phi 50.8\text{ mm}$ , F=400.0 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	17.50g	1:1	A