



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: 150.0 mm ±1% @ 1330.0 nm
7. BACK FOCAL LENGTH(REF): 117.7 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  $R_{avg}$  <0.5% @ 1100 nm-1650 nm

	MATERIAL
①	N-LAK22
②	N-SF6

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	AD510-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-LAK22/N-SF6	41.62g	1:1	A