



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: 45.0 mm ±1% @ 1330.0 nm
7. BACK FOCAL LENGTH(REF): 36.7 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 Ravg < 0.5% @ 1100 nm-1650 nm

	MATERIAL
①	N-LAK22
②	N-SF6HT

DRAWING PROJECTION			LBTEK			
	NAME	DATE	AD416-C			
DRAWN	BSHU	Aug./5th/24	$\phi 25.4$ mm, F=45.0 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	4.86 g	2:1	A