



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:  $\pm 0.1$  mm
6. FOCAL LENGTH:  $75.0$  mm  $\pm 1\%$  @ 1330.0 nm
7. BACK FOCAL LENGTH(REF): 63.0 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,  $45^\circ$
13. COATING(S1,S2): AR COATING  $R_{avg} < 0.5\%$  @ 1100 nm–1650 nm

	MATERIAL
①	N-BAF10
②	N-SF6

DRAWING PROJECTION				<b>LBTEK</b>			
	NAME	DATE	AD512-C				
DRAWN	BSHU	Aug./5th/24	$\phi 50.8$ mm, $F=75.0$ 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	35.29 g	1:1	A	