



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: $+0.0/-0.1\text{ mm}$
5. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
6. FOCAL LENGTH: $1000.0\text{ mm} \pm 1\% @ 1330.0\text{ nm}$
7. BACK FOCAL LENGTH(REF): 990.3 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: $< 3\text{ arcmin}$
12. CHAMFER: $< 0.2\text{ mm}, 45^\circ$
13. COATING(S1, S2): AR COATING $R_{avg} < 0.5\% @ 1100\text{ nm}-1650\text{ nm}$

	MATERIAL
①	SF5
②	N-SF6HT

DRAWING PROJECTION				LBTEK					
		NAME		DATE		AD530-C			
DRAWN		BSHU		Aug./5th/24		$\phi 50.8\text{ mm}, F=1000.0\text{ mm}$ ACHROMATIC DOUBLETS AR COATING 1100-1650 nm			
APPROVAL		WCHENG		Aug./5th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-SF5/N-SF6		17.32g	1:1	A	