



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: 21.0mm
2. SURFACE QUALITY: 60-40 SCRATCH-DIG
3. CENTER NOTCH WAVELENGTH (CWL): 405nm
4. 50% NOTCH BANDWIDTH: 13nm MAX
5. COATING(S1): 399-412nm BLOCKING NOTCH
6. COATING(S2): 360-570nm AR COATING
7. TRANSMISSION %: 90% AVG OVER PASSBAND:
360-390nm & 420-570nm
85% MINIMUM OVER PASSBAND
8. TRANSMITTED WAVEFRONT: $<\lambda/2$ AT 633nm
9. OPTICAL DENSITY: >6.0 AT CWL
10. ANGLE OF INCIDENCE: 0°
11. EDGE TREATMENT: MOUNTED IN BLACK ANODIZED ALUMINUM RING
12. EDGE MARKINGS: NF405-13↓ INDICATING DIRECTION OF LIGHT TRANSMISSION

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	405nm NOTCH FILTER 50% BAND WIDTH = 13nm	
DRAWN	NG	06/19/12		
APPROVAL	MG	07/10/12	MATERIAL	REV
COPYRIGHT © 2012 BY THORLABS			FUSED SILICA	A
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NF405-13	0.003kg