



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >8.0 X 8.0 mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
4. TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ AT 633 nm
5. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
6. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
7. COATING (ALL OUTER OPTICAL SURFACES): BBAR, $R_{avg} < 0.5\%$, 400-700 nm, 0° AOI
8. OVERALL PERFORMANCE: $T_{abs} = 47 \pm 10\%$, $R_{abs} = 47 \pm 10\%$, $T_{abs} + R_{abs} > 85\%$, $T_{avg} + R_{avg} > 90\%$ | $T_s - T_{pl} < 10\%$ AND | $R_s - R_{pl} < 10\%$, 400-700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com 10 mm NON-POLARIZING 50:50 BEAM SPLITTER CUBE, BBAR: 400-700 nm	
DRAWN	YB	DATE		
APPROVAL	DS	DATE	01/JUN/22	MATERIAL
COPYRIGHT © 2022 BY THORLABS				N-BK7
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			BS010	0.03 kg
				REV G