



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >8.0 X8.0 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 700-1100 nm,  $R_{avg} < 0.5\%$ ,  $0^\circ$  AOI
8. OVERALL PERFORMANCE:  $T_{abs} = 47 \pm 10\%$ ,  $R_{abs} = 47 \pm 10\%$ ,  
 $T_{abs} + R_{abs} > 90\%$ ,  $|T_s - T_p| < 10\%$  AND  $|R_s - R_p| < 10\%$ , 700-1100 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> 10.0 mm NON-POLARIZING 50:50 BEAMSPLITTER CUBE, BBAR: 700-1100 nm	
NAME	DATE			
DRAWN	YB	12/JAN/23	MATERIAL	
APPROVAL	DS	19/JAN/23	N-BK7	REV G
COPYRIGHT © 2023 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			BS011	2.5 g