



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 22.86$ mm
2. SURFACE QUALITY: 20-10 SCRATCH-DIG
3. SURFACE FLATNESS: $\lambda / 4$ @ 633 nm OVER THE CLEAR APERTURE
4. COATING (S1): 0.9-2.6 μ m BEAMSPLITTER COATING AT 45° AOI
5. COATING (S2): BBAR COATING FOR 0.9-2.6 μ m
 $R_{avg} < 1.5\%$ WITHIN WAVELENGTH RANGE AT 45° AOI
6. OVERALL PERFORMANCE: Tabs $50 \pm 10\%$, Rabs $50 \pm 10\%$
 Tabs+Rabs $> 99\%$, $|T_s - T_p| < 40\%$ and $|R_s - R_p| < 40\%$, 900-2600 nm, 45° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	$\varnothing 25.4$ mm 50:50 BEAMSPLITTER, COATED: 0.9-2.6 μ m, T = 5 mm	
DRAWN	GG	10/JUL/11	MATERIAL	
APPROVAL	BW	15/OCT/21	IR FUSED SILICA	
COPYRIGHT © 2021 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BSW23	6g