

ISOMET**TEST DATA SHEET**

AO Modulator

Test Procedure No.	Source Control Drawing	Model No. M1250-T200L-0.5	Serial No. 131472
Tested By PC	Date 9/13/2019	Anti-Reflection Coating 360-420nm	Crystal Slice No. 4012E

SPECIFICATIONS

Material	TeO ₂
Active Aperture	0.5 mm
Center Frequency	200 MHz
Bandwidth	100 MHz
RF Drive Power Set To	1.0 Watts
Tested at	633 nm

TEST DATA

Optical Insertion Loss	<5%	5.2 % @ 488 nm
Deflection Efficiency*	>50%	87 % @ 488 nm

*Deflection Efficiency = $I_1/I_0 \times 100 \%$ where
 I_1 = First Order of Deflected Light
 I_0 = Transmitted Light With No Drive Power Applied

Isomet QC Approval

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