

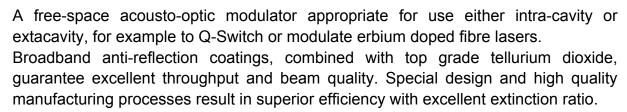
AO Modulator

M111-2J-AV1

Features

- 1520 to 1630nm
- 111MHz drive frequency
- 60ns rise-time

Description



Specification

Interaction Material:	Tellurium Dioxide
Acoustic Mode:	Isotropic, compressional
Wavelength:	1520nm to 1630nm
Transmission:	> 97%
Damage Threshold:	>10MW/cm2 Pulsed, >50KW/cm2 CW
Polarisation:	Any
Frequency:	111MHz
VSWR:	< 1·2:1 (50Ω Input Impedance)
Active Aperture:	0.65mm
Separation Angle:	39 to 43mrad, wavelength dependant
RF Power:	3·5W
Operating Temperature:	+10 to +60°C
Storage Temperature:	- 15 to +65°C
Performance with a 400µm diameter, linearly polarised beam:	
Rise-Time / Fall-Time:	61ns
Modulation Bandwidth:	8.2MHz
Extinction Ratio:	> 40dB
Diffracted Beam Ellipticity:	< 20%
Diffraction Efficiency:	> 85%

Driver Selection

Digital and Analogue Modulation:	A344
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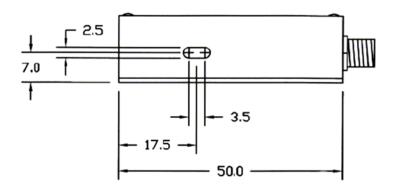
100080 Tel: 010-68470780 网址: www.conquer-oc.com

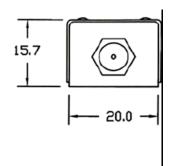
GOOCH & HOUSEGO

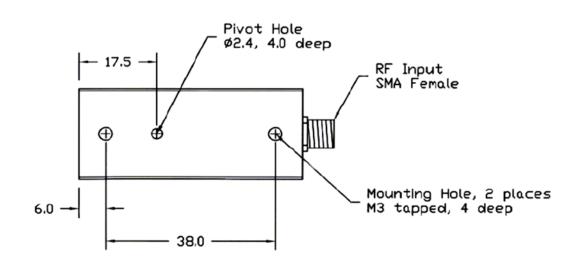


北京康冠伟业科技有限公司

Mechanical Dimensions







Dimensions in mm

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