

780nm Full Band Free Space Acousto-Optic Modulator 110MHz



- **Product Description**

AOMs allow the user to vary the output light amplitude, duration, and period/frequency. Insertion loss can be as low as 2 dB, extinction ratio can be as high as 50 dB, rise time can be as low as 5 nanoseconds, and

periodicity can be as high as hundreds of MHA. Applications include switches, pulse picking, fast attenuators, etc. Wavelengths range from near UV to near IR.

- **Product features**

t0-level and 1-level optical fiber output、 High extinction ratio、 Different devices can be made according to different wavelengths and frequencies of customers

- **Part Number**

MP-AOM-780-110M-1mm

- **Application area**

BODTR、 DVS、 Optical switch

- **Core parameters**

Wavelength	Frequency	Clear Aperture
780nm	110MHz	1mm

● General Parameters

Main Parameters

Part Number	Wave length (nm)	Frequency (MHz)	Clear Aperture (mm)	Diffraction Efficiency (%)	Optical Power Density (W/m ²)	Drive Power (W)	Input Resistance (Ω)	VS (W)
MP-AOM-532-80M-1mm	532	80	1	85	250	0.8	50	<1 .3:1
MP-AOM-532-80M-2mm	532	80	2	85	250	1.5	50	<1 .3:1
MP-AOM-532-100M-1mm	532	100	1	85	250	0.8	50	<1 .3:1

MP-AOM-532								<1
-200M-0.3m	532	200	0.3	70	250	2	50	.5:
m								1
MP-AOM-532								<1
-200M-4mm	532	200	4	80	250	4	50	.5:
								1
MP-AOM-632								<1
-80M-1mm	632	80	1	85	250	0.8	50	.3:
								1
MP-AOM-632								<1
-100M-1mm	632	100	1	85	250	0.8	50	.3:
								1
MP-AOM-632								<1
-200M-0.3m	632	200	0.3	70	250	2.5	50	.5:
m								1
MP-AOM-632								<1
-200M-1mm	632	200	1	85	250	1.5	50	.5:
								1

MP-AOM-780 -110M-1mm	780	110	1	85	250	1.3	50	<1 .3: 1
MP-AOM-780 -150M-1mm	780	150	1	75	250	2	50	<1 .3: 1
MP-AOM-780 -150M-2mm	780	150	2	75	250	2.5	50	<1 .5: 1
MP-AOM-780 -200M-0.3m m	780	200	0.3	70	250	3	50	<1 .5: 1
MP-AOM-780 -200M-2mm	780	200	2	70	250	3.5	50	<1 .5: 1
MP-AOM-850 -110M-0.7m m	850	110	0.7	80	250	1	50	1. 2: 1

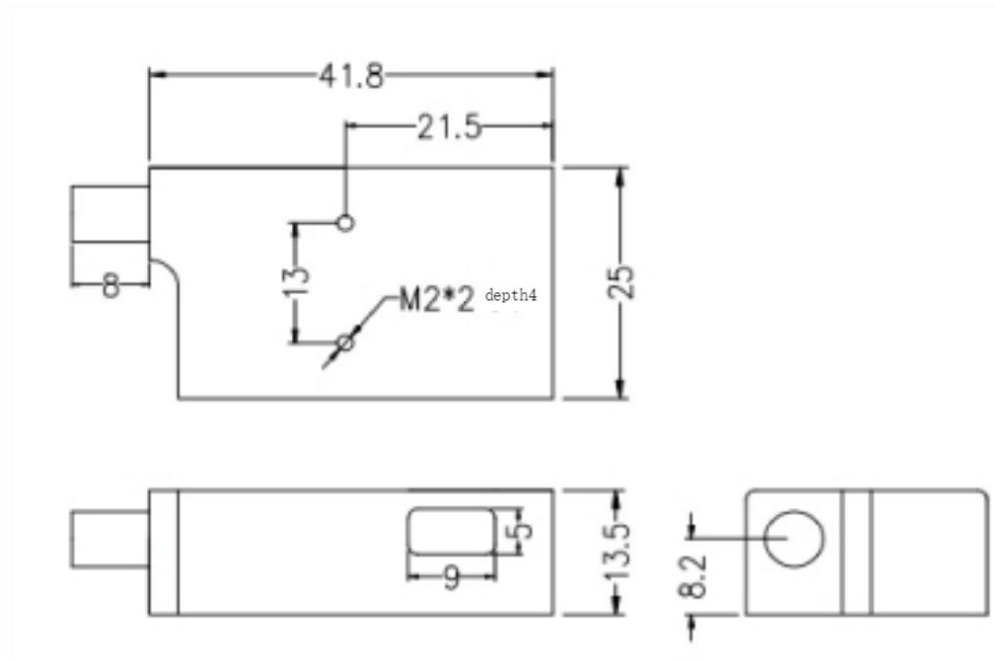
MP-AOM-850								<1
-200M-0.3m	850	200	0.3	80	250	3	50	.5:
m								1
MP-AOM-106								1.
4-100M-0.7m	1064	100	0.7	85	250	1.8	50	2:
m								1
MP-AOM-106								<1
4-120M-0.7m	1064	120	0.7	85	250	1.8	50	.3:
m								1
MP-AOM-106								<1
4-150M-0.5m	1064	150	0.5	85	250	2.5	50	.3:
m								1
MP-AOM-106								<1
4-200M-0.3m	1064	200	0.3	70	250	2.5	50	.3:
m								1
MP-AOM-155								<1
0-40M-0.7m	1550	40	0.7	80	250	2.5	50	.3:
m								1

MP-AOM-155								<1
0-60M-0.5m	1550	60	0.5	80	250	2.5	50	.3:
m								1
MP-AOM-155								<1
0-80M-0.7m	1550	80	0.7	80	250	2.5	50	.3:
m								1
MP-AOM-155								<1
0-150M-0.5m	1550	150	0.5	65	250	2.5	50	.5:
m								1
MP-AOM-155								<1
0-200M-0.3m	1550	200	0.3	55	250	3	50	.5:
m								1

We can provide customized services to customers: wavelength 500-2000nm can be selected in any band. Frequency 40-300MhA can be selected in any frequency, and frequency accuracy can be customized. The aperture 0.1-4mm can be customized, and the shell size can be customized according to the customer's system requirements. The appropriate shell size including shell material can be customized. We can meet the customer's requirements for a certain indicator to optimize the device.

Dimensions

AOM Modulator



RF Driver

