



10.6μm acousto-optic modulator :

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product name:

AOM

product description:

This series of acousto-optic modulators uses the principle of acousto-optic interaction

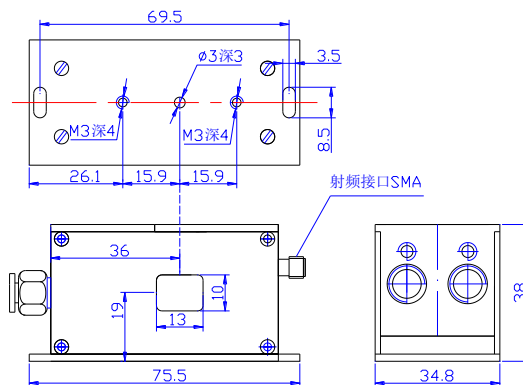
Intensity modulation and frequency shifting of mid- and long-wave infrared lasers.

Main Specifications:



parameter	unit	OC Q41-10600-8TI
Working wavelength	nm	9000~11000
Input light polarization state	-	Linear polarization ()
Center frequency	MHz	40.68
Diffraction efficiency	%	>90
light aperture	mm	8
diffracted light separation angle	mrad	78.4
Driving power	W	≤60
Light pulse rise time	ns/mm	120
damage threshold	W/ cm ²	200
Static transmittance	%	>90
Extinction Ratio	-	>1000:1
RF connector	-	SMA female
input resistance	Ω	50
VSWR	-	<1.3:1
cooling method	-	water cooling
Package Specifications	-	Ti

Package Specifications:



Ti



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