

Acousto-optical Modulator, Acousto-optical Q-switch I-M080-2C10G-4-AM3 and I-M080-2.5C10G-4-AM3

Model	I-M080-2C10G-4-AM3	I-M080-2.5C10G-4-AM3
Interactive Material	Crystal Quartz	Crystal Quartz
Operating Wavelength	1030-1064nm	1030-1064nm
Damage threshold	>1GW/cm ²	>1GW/cm ²
AR coating reflectivity	<0.3% per surface	<0.3% per surface
Transmission	>99.4%	>99.4%
Acoustic Frequency	80MHz	80MHz
VSWR	<1.2:1 at 0dBm	<1.2:1 at 0dBm
Optical polarization	Linear (vertical to base)	Linear (vertical to base)
Active aperture	2mm	2.5mm
Acoustic mode	Compressional	Compressional
Separation angle	14.9mrad	14.9mrad
Rise-time (10-90%)	113ns/mm	113ns/mm
Diffraction efficiency	>85% at 15W RF	>80% at 15W RF
Max RF power	15W	15W
Housing	Aluminium	Aluminium
Cooling	Conduction	Conduction
Recommended driver	QCXXX-YYDC-ZZZ-AAV	QCXXX-YYDC-ZZZ-AAV

