



RF Acousto-Optic Modulator Driver Analog / Digital Combined Input

RFAOM-Model 3

*This product is sold
and supported
in the USA by*



LASER LAB SOURCE
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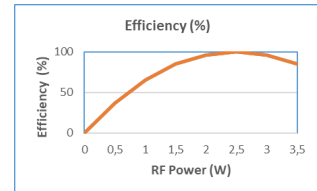
RF AOM Driver

Model 3 : Special version

For AOMs with 200 MHz RF signal only



- Adjustable RF power (multi-turner)



- S1 : TTL high / TTL low input
- S2 : TTL mode active/inactive
- S3 : Analog input range : 0-1V / 0-5V
- S4 : Analog mode active/inactive

Reference: RFAOM - TA - 200

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Output Frequency	MHz	200 MHz			
Output power	W	0.1	2.8	3	Adjustable with a screwdriver
Impedance matching	Ohm	50			
Synchro Input	TTL (high or low), Analog (0-1V) and Analog (0-5V)				
Extinction ratio (Analog mode / TTL mode)	30 dB / 70 dB				
Synchro input interface	SMA				
RF to AOM interface	SMA				
Working voltage	V	24			
Dimensions	mm	103*54*20.5			
Interhole distances / Hole diameters	mm	97*48 / 3.3			

Reference code : RFAOM-TA-200

Note : This product is dissipated by conducting heat. It shall be mounted on a metal structure using fixing screws. The mounting surface shall be flat with minimum size and thickness. A certain amount of space should be free around and above the product. The product is powered by + 24V DC through a per-centric capacitor. Do not power up when it is open or shorted. Risk of permanent damage. The product should be well grounded, otherwise the performance can be affected. The adjustment of RF output power is achieved by changing the resistance of a multi-turner : turn clockwise to increase the output power. The product is sensitive to ESD.