

Acoustooptical modulator for high-power radiation (AOM) KGW-1

DESIGNED FOR

radiation control of giant-pulse lasers with wavelength 1-3 μm , modulation of high quality and laser radiation power.

CAN BE USED

in components for the production of high-tech equipment in the field of communications, data transmission, laser systems.



Central transducer frequency f_0 , MHz	50
Frequency band Δf , MHz, not less than	11
Width of ultrasonic beam, mm	2,5*
Length of ultrasonic transducer, mm	24
Efficiency of diffraction at a wavelength of 1.06 μm for the polarization of light along N_g , % / Wt, not less than	36
Efficiency of diffraction at a wavelength of 1.06 μm for the polarization of light along N_m , % / Wt, not less than	24
Input resistance of coordinating plane AOM, Ohm	50
KSVN by RF input, not more than	1,5

* It can be changed at the request of the customer within $1 \div 4 \text{ mm}$