

## RF driver of acousto-optic Q-switch QSGSU-5/Q



### Description

This product is a RF driver which is designed for the acousto-optic Q-switch of QSGSU-5 and can independently control the output of radio frequency signal via computer signal. It is applied in various s of laser equipment, like laser marking machine, scribing machine, engraving machine, cutting machine and fine processing machine.

### Characteristics

This product has such characteristics as quick modulation rate, convenient control and stable and reliable work, and also has such functions as first pulse suppression and automatic protection and alarm.

### Mechanical Dimensions



This product can be customized according to user requirements.

### Specification

Working frequency	27 MHz $\pm$ 0.1MHz
RF Power Output	50 W $\pm$ 3W
Modulation repetition rate	1 KHz~50KHz (adjustable)
Pulse width	5 $\mu$ s ~20 $\mu$ s (adjustable)
First pulse suppression time	100 $\mu$ s ~1000 $\mu$ s (adjustable)
Output impedance	50 $\Omega$
Voltage Standing Wave Ratio	$\leq$ 1.2 (connected to 50 $\Omega$ load)
Power supply	AC 220V $\pm$ 10%
Modulation Control Inputs	Digital TTL
Effective level of laser output	High/low (optional)
Protection	Automatic protection function of overheating, open circuit and short circuit