

# Variable frequency RF driver

## Stable, multifunctional electronic control driver designed for acousto-optic devices

The **variable frequency RF driver** is designed for applications such as frequency shifters, deflectors, and filters. This driver can output RF signal with high precision and broad frequency range, and support digital control, analog control, etc. PC softwares are equipped, with which users can set the frequency and power at will. The frequency sweeping and other functions can also be set (TA series). For high-speed frequency conversion applications, it is capable of fast frequency switching(TB series).In addition, for high-power requirements, we can also provide amplifier products of different power levels.



### Applications

- Driven acousto-optic devices: deflector, frequency shifter, filter

### Variable frequency series Model Number: CARD-Ts-f-vpt-bme-c

Series(s)	RF Signal Frequency(f)	Power Supply Voltage (v)	Maximum Output Power (p)	Cooling (t)	Channel (b)	Frequency Output Working Mode (m)	Suit (c)
A	20-300 MHz	24D (24 VDC)	4 W	C (Conduction cooling)	1	PC control	frequency shifter
C	20-220 MHz	24D (24 VDC) 28D (28 VDC)	4 W		1	PC control pre-stored data mode	deflector
F	20-200 MHz	24D (24 VDC)	2 W		1 2	PCcontrol multi-frequency simultaneous output	filter
E	70-120 MHz	24D (24 VDC)	2 W		1	analog voltage control	scanning deflector

### Amplifier series products Model Number : CARD-A-f-v-b-c

Series(s)	RF Signal Frequency (f)	Power Supply Voltage (v)	Maximum Output Power (p)	Channel (b)
A	20-300 MHz	24D (24 VDC) 28D (28 VDC)	5 W	1
	20-300 MHz		10 W	1
	20-300 MHz		20 W	1