

Fixed Frequency RF Drivers

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

Fixed frequency RF drivers have been developed in various types, including different frequencies, power levels, or control methods. Our team can customize the driver according to the usage scenario requirements, and generate the required waveform through different modulation signals. The driver we have developed can adapt to all acousto-optic devices.



Applications

- Drive control of acousto-optic devices: Q-switches, modulators of all types

Fixed frequency series Model Number: CARD-Fs-f-vpt-bme-c

Series (s)	RF (f)	Supply Voltage (v)	Output Power (p)	Cooling (t)	Channel (b)	Mode (m)	Function (e)	RF Connector (c)
A1	40.68 MHz 68 MHz 80 MHz	15D (15 VDC) 24D (24 VDC)	20 W	C (Conduction cooling)	1	F (FPS) P (PPK) A (A05) R (R05) M (M05)		
A2	40.68 MHz 68 MHz 80 MHz	12D (12 VDC) 15D (15 VDC)	12 W 15 W	C (Conduction cooling)	1	F (FPS) P (PPK) A (A05) R (R05)		
D1	40-200 MHz	15D (15 VDC) 24D (24 VDC)	5 W	C (Conduction cooling)	1	A (A05)		
D2	40.68 MHz 68 MHz 80 MHz 110MHz	24D (24 VDC)	20 W 30 W	C (Conduction cooling)	1	A (A05)	H (TTL_HIGH = RF_out)	AF (SMA-F)
D3	27.12 MHz 40.68 MHz 68 MHz 80 MHz 110 MHz	24D (24 VDC) 28D (28 VDC)	50 W 100 W	W (water-cooling)	1	F (FPS) P (PPK) A (A05) R (R05)	L (TTL_LOW = RF_out)	
D3D	27.12 MHz 40.68 MHz	24D (24 VDC) 28D (28 VDC)	100 W @ 50 W/ per channel	W (water-cooling)	2	F (FPS) P (PPK) A (A05) R (R05)		
E1	80 MHz 200 MHz 250 MHz 300 MHz	24D (24 VDC) 28D (28 VDC)	2.5 W	W (water-cooling)	1	D (Digital) A (Analog)		
E2	80 MHz 200 MHz 250 MHz	24D (24 VDC) 28D (28 VDC)	2.5 W	W (water-cooling)	1	D (Digital) A (Analog)		