

RF/DC Switch Box

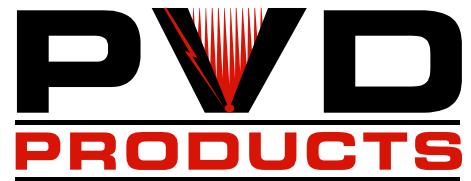


Photo of 1 kW RF/DC Switch Mated with RF Tuner

PVD Products RF/DC switches allow the user to change the power to a magnetron sputter source from RF to DC, or DC to RF via computer control. This unit provides a quick and safe way to change sputtering modes without manually swapping cables.

RF/DC Switch Specifications:

RF Power Range: 100 W to 5 kWatts
DC Power Range: 300W to 10 kWatts
Isolation: 30 dB between channels
Output Cable: 3' RG393 with HN connector
Input Power: 24 VDC
User Interface: Analogue logic
Size: Depends on Model
Input Connector: 7/16 or HN



DC/DC Switch Boxes

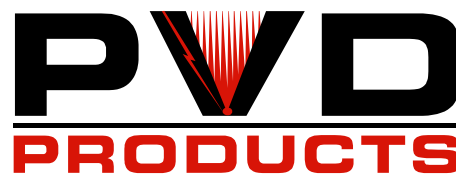


Photo of a Three Way DC Switch Box

PVD Products offers a full line of DC/DC switch boxes that allow the user to direct the power from a single DC power supply to one of up to six different magnetron sputter sources. This provides reduced system cost as fewer power supplies are required for multilayer film growth. These units can easily be integrated into existing sputter deposition systems to enhance current capability at a fraction of the cost of new power supplies. Works with all DC power supplies designed for magnetron sputtering. Switching can be done manually from the front panel, or via computer control.

DC/DC Switch box Specifications:

Max Power Input: 300 W to 20 kWatts
Input Connector: UHF or direct mount
Output Connectors: UHF
Outputs: 6 outputs maximum
Isolation: Fully isolated between channels
Switching Mode: Manual or Automatic (Logic voltage controlled)
Chassis Size: 3U
Input Power: 120 VAC, 3 amps, 50/60 Hz

All internal materials used are flame retardant and rated for 175°C.

Photo of Rear View of Three Way DC/DC Switch Box

