

VMI Product Catalog Download:

Download our latest Shortform [here](#).



Facts about VMI

VMI offers a broad range of high voltage diodes, rectifier assemblies, multipliers, customized and standard power supplies.

- Founded in 1980
- More than 200 employees
- Privately owned
- US-based, with own Wafer Fab
- All products are produced in house

Download Quick Selection Guide for Standard Products [here](#).

For more information or data sheets, please contact:

Protec GmbH

Rosenheimer Landstraße 117
83229 Ottobrunn- Riemerling

Phone: 089/6602923
eMail: sales@protec-semi.de
Web: <http://www.protec-semi.de>

HighVoltage Diodes, Rectifier Assemblies, Multipliers & Power Supplies from Voltage Multipliers Inc.

VMI manufactures a variety of discrete high voltage diodes ranging from 1kV to 16kV Vrwm, and 3000ns to 30ns Trr. They also manufacture a 10kV opto-diode, and opto-couplers ranging from 2500V to 25kV.

VMI designs and manufactures diode assemblies, including voltage multipliers and high voltage stacks. Product lines include miniature hybrid multipliers used in image intensification apps, to custom, three phase bridges useful in TWT system.



Custom voltage multiplier designs include Cockcroft-Walton series half-wave style, parallel multipliers, full-wave multipliers at DC output voltages up to 120kV.

VMI offers standard product lines of rectifiers up to 45kV, single-phase bridges up to 20kV/leg, and custom electrical specifications and custom packaging.

Product Portfolio

Standard Diodes

- 2kV to 20kV
- 30ns to 3000ns
- 10mA to 3.5A



Opto-diodes

- 10kV and 15kV



Opto-coupler

- 2.5kV, 10kV, 15kV, 25kV



Hybrid Multipliers

- **PVM Hybrids**
3kV
8 or 12 stages
Cascadable up to 8kV
- **VM1446, VM1448, VM1548, VM1566**
6 to 14 stages
2kV to 7kV

Standard Power Supplies

- Up to 50kV, 10W
- CRT type
- Portable X-ray
- HeNe Laser

Military qualified diodes

VMI offers MIL-qualified diodes from JANTX- to JANTXV-level. With additional screenings it is also possible to get diodes up to according to JANS.