

# EMP PROTECTION

Electromagnetic Pulse Protection for the Grid



**PROTECT CRITICAL ASSETS FROM  
DAMAGE CAUSED BY EMP HIGH VOLTAGE  
SPIKES**

Electromagnetic Pulse (EMP), such as that produced by a vehicle-mounted EMP device, can disrupt, damage, or destroy electronics in the electric grid communication and control systems. Protect your most critical assets from high voltage spikes with Doble's EMP Protection solutions.

Doble's EMP solutions consist of integrated 19" standard racks with a system of mounting shelves and brackets that can enclose nearly any equipment. Doble EMP Protection racks can house active equipment with optical feeds to the yard, or filtered data conductors. Backup equipment can also be stored on site in the EMP protected vault, ready for technicians to arrive and begin recovery work.

## FEATURES

- Minimum 80 dB RF attenuation 10 MHz – 10 GHz
- Full height 270 degree swing door
- Integrated 19-inch rack with bracket or shelf mounting
- EMP level filtering for power, analog and digital signals
- Forced air cooling through filtered waveguide vents
- Several height and mounting options available
- Certified "Hardness Critical Items" (HCI) by Little Mountain Test Facility, a state-of-the-art test center and U.S. Air Force Materiel Command laboratory dedicated to simulation testing of nuclear hardness, survivability, reliability, and electromagnetic compatibility of defense systems

## BENEFITS

- Turnkey protection against EMP threats
- Fast recovery of site after event
- Solution for retrofit and new construction
- Supports active equipment and backup equipment vault

## INTERESTED IN LEARNING MORE?

Contact your local Doble Representative  
or visit [www.doble.com](http://www.doble.com)

