

Expertise in  
**electromagnetic Shielding**  
and **RF-Technology**

### Shielded EMP / Tempest Rack

- Guaranteed and certified shielding performance
- EMP-protection
- Dimensions 825 x 825 x 2025 (h)
- Internal mounting frame (Rittal) for 19" Equipment
- 2 Honeycomb-filters for air in- and out
- Fan (Rittal) with electronic temperature control
- High performance electronic filter (100dB from 150kHz) with EMP-protection unit, 230V / 16A
- Internal power distribution with electronic fuses and leakage breaker
- Pre-installed power outlets
- Optical fiber feedthrough for 6 fiber optic cables
- High-end RF-door, easy closing mechanism
- Door contact



### Shielding Effectiveness

- Electro-magnetic: 100dB , 1 MHz – 10 GHz
- Magnetic: 30dB @ 10kHz, 60dB @10MHz

### Standards

- MIL-STD 188-125
- EN 61000-4-23, 24
- EN 61000-5-7: EM-Code A3B5D9E9F8

### Options

- Customized dimensions
- Liquid cooling unit (Rittal)
- Additional fiber optic feedthroughs
- 400V / 64A-Filter
- RF-doors at front- and backside
- Individual testing
- Absorber cladding



### Applications

- EMP / NEMP / HIRF-Protection,
- TEMPEST
- Solar Storm-Protection
- Test of RF- and wireless equipment