Expertise in electromagnetic Shielding and RF-Technology

Shielded EMP / Tempest Rack 100 dB

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

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