



Serversafe
TEMPEST SERVERSAFE

data sheet

DATA SHEET PANZER SERVERSAFE

SERVERSAFE

Panzer's Tempest Server Safe is designed to protect government and corporate data from intentional and malicious **Electromagnetic Pulse (EMP)** attacks and to ensure maximum security **against eavesdropping during espionage attempts**. Physical attacks by criminals consistently gain or block access to servers and other electrical devices, or eavesdrop on sensitive data.

The server safe is a combination of high burglary resistance and highest shielding level of 100 dB. 15 rack units fit into the server chassis. For temperature regulation, the server housing is equipped with thermostat. A sensor is used to measure the temperature in the server cabinet. If a temperature value is exceeded, the ther are activated and uniform ventilation takes place.

Our Tempest Serversafe consists of two products:

1. Server safe to protect data from electromagnetic impulses/ eavesdropping security

Tested in accordance with **NSA 94-106 / EN 50147-1**

2. Safe to protect against burglary and unwanted access

Approval according to **ECB-S R16** (ECB-S Guideline for the certification of IT safes) based on **EN 1143-1 / Grade I)**

Shielding	Outer dimensions height (mm) width (mm) depth (mm)			Racks	Weight (kg)
100 dB	1180	755	1070	19" rack equipped for max. 15 server elements	470

Standard equipment:

Thermostat control for measuring the internal temperature

Fan data 220-240VAC, 50/60Hz, 20/19WATT, 43/48dB(A)

Installed three fans, 432m³/h / 534m³/h

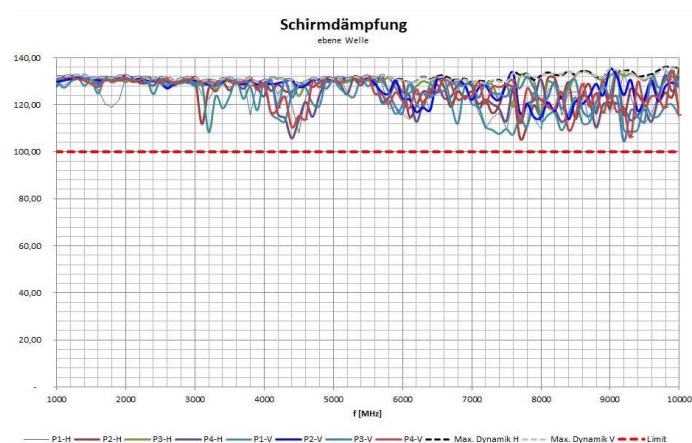
Redundant power supply

10 enrties for fiber optic cable (cable guides have a radius of 10 cm for optimal routing of the fiber optic cables)

Standard NSA 94-106

Acceptability criterion:

magnetic field	10 kHz	≥ 60 dB
magnetic field	500 kHz	≥ 100 dB
electric field	30 MHz	≥ 100 dB
plane wave	1 GHz	≥ 100 dB
plane wave	10 GHz	≥ 100 dB
Test distance:		
0.7 m / 1.5 m / 0.7 m		



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