

SHIELDED RACKS



METAL CABINETS, (19") RACKS AND SHIELDED ENCLOSURES

As the threat of IEMI or EMP attacks become more real and the awareness of the risks rises, the necessity of shielded racks and/or data-centers increases. Holland Shielding offers shielded racks which can fully customized to your requirements.

APPLICATIONS

- IEMI (intentional Electromagnetic interference)
- Tempest
- Eavesdropping
- Solarstorms
- EMP attacks
- MIL-STD-188-125
- Radiated attacks
- Lightning
- NSA 94-106

For more information refer to our Data center security

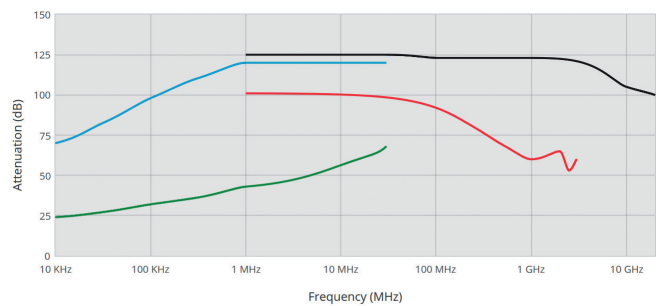


ATTENUATION LEVELS

We have 2 standard performance levels for our shielded racks, so you can pick the type of rack that will suit your application.

Level 1: This type of rack is based on the well-known racks in the market and optimized for the shielding of your equipment with our in house produced shielding materials. This rack will give you the basic protection and will reduce the incoming attack up to 10.000 times.

Level 2: The ultimate shielding will come from our racks which are a spin-off from our prefab Faraday cages. These racks are exceeding the most shielding effectiveness standards and offer a performance over 120dB.



- Shielded racks performance level 1 (electric)
- Shielded racks performance level 2 (electric)
- Shielded racks performance level 1 (magnetic)
- Shielded racks performance level 2 (magnetic)



OPTIONS

All our racks can be fully customized to your requirements. Just note that every opening or cable is going to be a leakage in the RF shielding of the rack. For this purpose we have power and signal line filters.

Most integrated options are:

- Power-line filters
- Signal-line filters
- Ventilation honeycombs
- Waveguide
- I/O panel (BNC-,SMA-,N-Connector)
- 7894 UDP data-line filter
- 7896 USB 3.0 optical converter
- Fixed/sliding shelves
- Etc..

ORDER EXAMPLE

Part number	Width (mm)	Depth (mm)	Height (mm)	Performance level
SR	Specify the width of the shielded rack in mm	Specify the depth of the shielded rack in mm	Specify the height of the shielded rack in mm	1 : Level 1 2 : Level 2

STANDARD DIMENSIONS

Level 1 rack
 800/1200mm width
 400/500/600mm depth
 1200/1400/1600/1800/2000/2200mm height

Level 2 rack
 standard 1172 x 1090 x 2315 mm W x D x H, internal height 2000 mm > 42 U
 any other size on request. Minimum width is 680 mm to fit the door.

MORE INFORMATION

Do you have questions or would you like to receive more information about the shielded racks or our wall mounts? Our engineers can give you the right advise for your specific application or answers. Please send an email to info@hollandshielding.com.

