

SHIELDED RACKS SR

EMI shielding metal racks and enclosures



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

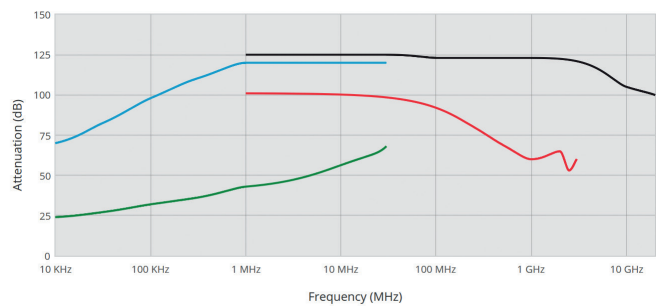


ATTENUATION LEVELS

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)



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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..

MORE INFORMATION

Do you have questions or would you like to receive more information about the shielded racks? Our engineers can give you the right advise for your specific application or answers. Please contact us www.hollandshielding.com

ORDER EXAMPLE

Part number	Outside width (mm)	Outside depth (mm)	Outside height (mm)	Performance level
SR	Specify the outside width of the shielded rack in mm.	Specify the outside width of the shielded rack in mm.	Specify the outside height of the shielded rack in mm.	1 : Level 1 2 : Level 2

*Notice

Information supplied in these data sheets is based on independent and laboratory tests which Holland Shielding Systems BV, hereafter referred to as HSS believes to be reliable. HSS has no control over the design of customer's product which incorporates products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

The product described in this data sheet shall be of standard quality, however the products are sold without warranty of fitness for a particular purpose, either expressed or implied, except to the extent expressly stated on HSS invoice, quotation or order acknowledgment. HSS does not warrant that products described in this data sheet will be free of conflict with existing or future patents of third parties. All risks of lack of fitness, patent infringement and the like are assumed by the user.