

Ag	Cu	Ni	Sn
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Shieldex® RF Shielded Enclosure

Shading box for 2-photon or imaging systems



The Shieldex RF Shielded Enclosure provides outstanding electronic noise shielding, doubling as an effective shading box for 2-photon or Imaging Systems. Thanks to its innovative construction and premium metalized fabrics, the cage is both lightweight and highly flexible. One of its most notable features is its exceptional level of customization. Its flexible design allows for the creation of large-scale shields tailored to customized or self-constructed 2-photon Systems. Furthermore, the cage protects the system from external lab disturbances, such as air conditioning turbulence or drafts from open doors, and is also compatible with a cleanroom environment

Technical Specification

Multiple Shielded Cable Sleeves

For routing cables/connections

Double layer:

Shieldex® Berlin RS, Shieldex® Nora Dell CR

Superior Electric Shielding

A fully enclosed design ensures excellent performance

Shielding effectiveness

Average up to 75 dB from 0.03 - 10 GHz

Lightweight Construction

Easy to handle and reposition

Optional

Removable IO Panel with Power and Data Connectors

Customizable Dimensions

Adaptable to meet specific needs

Aluminum Frame

Durable and robust

Temperature range

-30 °C to 90 °C

Cleanroom compatibility

Realization of RF Shielding Enclosures up to cleanroom class ISO5

Applications

- Electromagnetic Shielding
- Protection against external lab disturbances
- Blackout box for fluorescence and laser applications

Did we spark your interest?

More information can be found on our detailed data sheets.
Please do not hesitate to contact us at any time.