

Ag

Cu

Ni

Sn

Shieldex® RF Shielded Transportation Box

RF Shielded Box for transportation and storage



In modern forensic, law enforcement, and defense operations, electronic devices have become critical sources of evidence and **equally vulnerable targets**. Smartphones, laptops, storage media, and specialized equipment can be tracked, accessed remotely, or manipulated via wireless signals during transport or interim storage. The absence of mobile and transportable RF shielding solutions introduces significant risks to evidence integrity, operational security, and legal admissibility.

The **Shieldex® RF Shielded Transportation Box** addresses this gap by providing a reusable and mobile RF-shielded container for the secure transport and storage of sensitive electronic devices, available in different sizes. By combining reliable electromagnetic shielding with robust mechanical protection, it enables controlled and repeatable workflows in scenarios where electromagnetic isolation is essential, whether during field operations, transport, or temporary storage.

General Information

The **Shieldex® RF Shielded Transportation Box** is a professional transport and storage solution designed to protect sensitive electronic devices and digital evidence from external electromagnetic influences. It reliably shields contents against RF-based threats such as tracking, remote access, and remote data manipulation, ensuring the integrity of evidence throughout handling, transport, and storage processes.



Developed specifically for law enforcement, forensic, and defense applications, the box supports standardized operational procedures and repeatable deployment across various use cases, including transport, interim storage, and archiving evidence. Its rugged yet lightweight construction provides effective mechanical protection against shock, moisture, and transport-related stress, while maintaining full mobility for operational use.

The outer shell is based on a durable **Aluminum Case**, combined with a Shieldex® Rolltop Bag featuring a triple-layer material composition of Shieldex® Berlin RS, Shieldex® Zell RS, and Shieldex® Nora Dell CR. This proven material combination delivers consistent, high-performance electromagnetic shielding while allowing flexible adaptation to different device sizes and mission requirements through customizable interior configurations.

Manufactured in Germany, the **Shieldex® RF Shielded Transportation Box** combines electromagnetic security, mechanical robustness, flexibility, and long-term reusability—providing a mission-ready solution for agencies and organizations requiring reliable RF-shielded transport and storage of sensitive electronic assets.

Key Benefits

Reliable RF Shielding: Protects electronic devices from tracking, remote access, and RF-based manipulation.

Preserves Evidence Integrity: Ensures electromagnetic isolation during transport, interim storage, and handling.

Standardized & Reusable Solution: Enables consistent, repeatable workflows across forensic, law enforcement, and defense operations.

Robust & Mobile Design: Combines mechanical protection with lightweight portability for mission-ready use.

Technical Specification

Sizes

- 400 x 300 x 180 mm, ~ 13 L
- 600 x 400 x 410 mm, ~ 73 L
- 650 x 610 x 470 mm, ~ 148 L
- 800 x 600 x 610 mm, ~ 239 L
- 1200 x 800 x 510 mm, ~ 414 L
- 1700 x 800 x 700 mm, ~ 829 L

Customized sizes and versions of Aluminum Cases and the Shieldex® Rolltop Bag can be provided. Please reach out to us with your specifications.

Triple Layer

Shieldex® Berlin RS

Shieldex® Zell RS

Shieldex® Nora Dell CR

Shielding effectiveness

Average up to 85 dB from 0.7 - 6 GHz

Measurement Standard: IEEE 299/2006

Additional configurations available on request

- Document window for labeling, documentation, or chain-of-custody information
- Foam inlay for secure positioning and protection of devices
- Individual box sizes and formats
- Customer-specific internal layouts and shielding concepts

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.