Faraday Bag

Schippers IT

Faraday Bag Overview

The Faraday bag is used to prevent unwanted access to digital devices, ensuring they are secure from external interference.

Preventing unwanted access.

The Faraday Bag range has been designed for mobile phones, GPS devices, netbooks, PDAs, tablets, laptops and other mobile devices to prevent remote applications such as:

1 Wiping of the data.

2 Tampering of evidence.

3 Locking of the device.

4 Tracking of the equipment.

5 Bugging via the device's microphone/camera.

Faraday Bag applications

Military & Intelligence Agencies use Faraday bags to prevent unwanted applications being invoked remotely or data being altered after devices are seized.

Law Enforcement organisations use Faraday bags to inhibit remote access of evidential devices where individuals may wish to alter or delete the data. This ensures the chain of custody from point of seizure to examination.

Forensic Investigators use the Faraday bags with viewing windows during analysis of exhibits and view results directly from the mobile exhibit's built-in screen. (This ensures that the exhibit can't be accessed by anyone other than the examiner.)

Corporate Clients use faraday bags to safeguard their phones, laptops and tablets during sensitive meetings, in transit or in situations where their electronic devices might be vulnerable to interception.

Shielding technology

The technology works by electromagnetically shielding digital devices such as mobile phones, tablets or similar devices. This shielding prevents applications being invoked remotely, whatever the attempted communications method.

Faraday bags block external static electrical fields (including radio waves) such as cell signals, satellite, Wi-Fi, and Bluetooth frequencies through the incorporation of specialist materials built into the fabric of the bag.

Faraday bags are used by manufacturers of mobile wireless devices when undertaking research, development and testing.

Faraday Bag Features

- Prevent connectivity to cellular networks, WiFi and Bluetooth.
- Multi use specially coated metallic shielding material that uses ripstop technology, for added strength and durability.
- British manufacturing to ISO9001-2008 Quality Standards.

Connection	2G	3G	4G	LTE	Bluetooth 1 ,2,3	WiFi 2.4Ghz	WiFi 5Ghz	SatNav	GPS	RFID (HF)	RFID (ACTIVE)	RFID (UHF)
Effective Shielding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

(PS1) PhoneShield 1

A small, windowless bag that will isolate one mobile phone, GPS or other similar-sized device.

Dimensions*	W: 11.5cm H: 19cm
Window	No

(TS1) TabletShield 1

A tablet sized windowless bag that isolates iPads and standard-sized tablets.

Dimensions*	W: 22cm H: 28cm
Window	No

(LS1) LaptopShield 1

A laptop sized (15inch laptop) bag designed to isolate all types of laptop up to 15"with wireless connectivity.

Dimensions*	W: 46cm H: 32cm
Window	No

(HS1) HoldallShield 1

A holdall (XXL laptop bag type) with carry straps. The holdall will isolate multiple devices including laptops, multiple tablets and other larger devices.

Dimensions*	W: 62cm H: 49cm
Window	No

(PS2) PhoneShield 2

Larger than the Phone-Shield 1 and featuring a window that investigators can use. Isolates one mobile phone, GPS or other similar-sized device.

Dimensions*	W: 12cm H: 24cm
Window	Yes

(TS2) TabletShield 2

A tablet sized bag that will isolate iPads and standard tablets. The design differs from TS1 by including a window, so that investigators can analyse the device and view the results from its screen.

Dimensions*	W: 22cm H: 35cm
Window	Yes

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