

KDG/1 Phone-Shield Mobile Phone Faraday Bag

prevent the data from the networks
communicating with the device.

One of the big problems with mobile phones is the issue of not being able to keep them secure from any incoming communications from the networks at the point of capture. Not having the mobile phone switched on means that critical time and date stamps cannot be verified, which means that the evidence captured can be questioned.

Benefits:

- Potentially avoids the problem of the mobile phone becoming PIN locked.
- Faraday Window ensures that the Phone Shield bag by Disklabs is the first faraday bag to allow the examiner to view the phone in a 'faraday' condition, thus enabling an 'immediate preview of evidence'



- Re-useable
- Portable – The Phone-Shield Faraday Bag by Disklabs can be fit onto the utility belt of a beat officer, or pocketed for simple, light transportation.
- Negates the need for an expensive faraday cage.
- When spread over the cost of several examinations, the Phone-Shield Faraday Bag will pay for itself in little or no time.
- To prevent the data from the networks communicating with the device, therefore stops any chance of evidence being tainted.
- Prevents any chance of evidence being manipulated during covert acquisition. Mobile Phone can still be turned on during flight, thus not losing any data.
- Inexpensive.

The bag is sealed simply by opening the conductive Hook and Loop at the top of the bag, dropping the phone into the bag, then folding the sealed top over twice, sealing the bag again with more conductive Hook and Loop.

Specially designed plastic coated material is used to provide the main component of the bag, (made with Silver, Nickel and Copper), then a conductive mesh is used to ensure that there is visibility into the Phone Shield Faraday Bag by Disklabs. The stitching is conductive, the materials are conductive, as is the Hook and Loop.

Approx Size of Phone-Shield
Faraday Bag:

When Sealed: 180mm x 160mm

When Open: 230mm x 160mm

KDG/1 Phone-Shield Mobile Phone Faraday Bag Testing criteria was to hit 17dB to ensure mobile phone is not forensically compromised.

Tests undertaken at following:

900Mhz @ 40dB

1800Mhz @ 35dB

2.1Ghz @ 30dB

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