FARADAY PROTECTION

SHIELD CASE

Unique complete protection based on the Faraday cage principle protects you from eavesdropping and location tracking by navigation systems. Access to all worldwide mobile networks, including the 5G network, is blocked. The cases protect against cyber-attacks by attackers seeking to gain remote access to devices.

The material of the shield case effectively dissipates unwanted electrical signals and prevents their penetration into the case. Instead, the charge is distributed only over the outer surface of the Faraday cage. The device inside the case is thus comprehensively protected from a wide variety of signals.

The cases are also popular with forensic experts, allowing them to protect evidence from remote tampering. In addition, a laptop in a shielded case is also protected from connecting to fake Wi-Fi, Bluetooth and NFC hotspots, which are widely used by hackers to gain access to devices. You can also use the Faraday laptop cage as a case for RFID chip cards.

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Faraday cases from EO SECURITY are measured at the Bundeswehr University in Neubiberg, Germany according to ASTM D-4935-2010, IEEE-Standard 299-2006 and MIL-Standard 285.

An attenuation of 90 dB means a passage of approximately one billionth of the initial power. Compared to the attenuation values of commercially available Faraday cases (60 dB), this is an order of magnitude better.

Parameters

EO Faraday Bag for Mobile Phones
(magnetic closure)

Weight
0,2 kg

Internal dimensions
22,5 cm x 14 cm

EO Faraday Bag for Mobile Phones
(velcro closure)

Weight
0,2 kg

Internal dimensions
22,5 cm x 14 cm

EO Faraday Bag for Tablets
(velcro closure)

Weight
0,1 kg

Internal dimensions
21,5 cm x 30 cm

EO Faraday Bag for Tablets and Notebooks
(velcro closure)

Weight
0,1 kg

Internal dimensions
34 cm x 45 cm

Measured shielding values of Generation 4 and Generation M with 6+6 protective layers:

- **900 MHz:** 92 dB
- **1.8 GHz:** 102 dB
- **2.1 GHz:** 101 dB
- **2.45 GHz:** 100 dB
- **2.6 GHz:** 100 dB
- **3.2-3.8 GHz:** 96 dB

*When buying 100 pcs or more, you can design your logo on the bag.