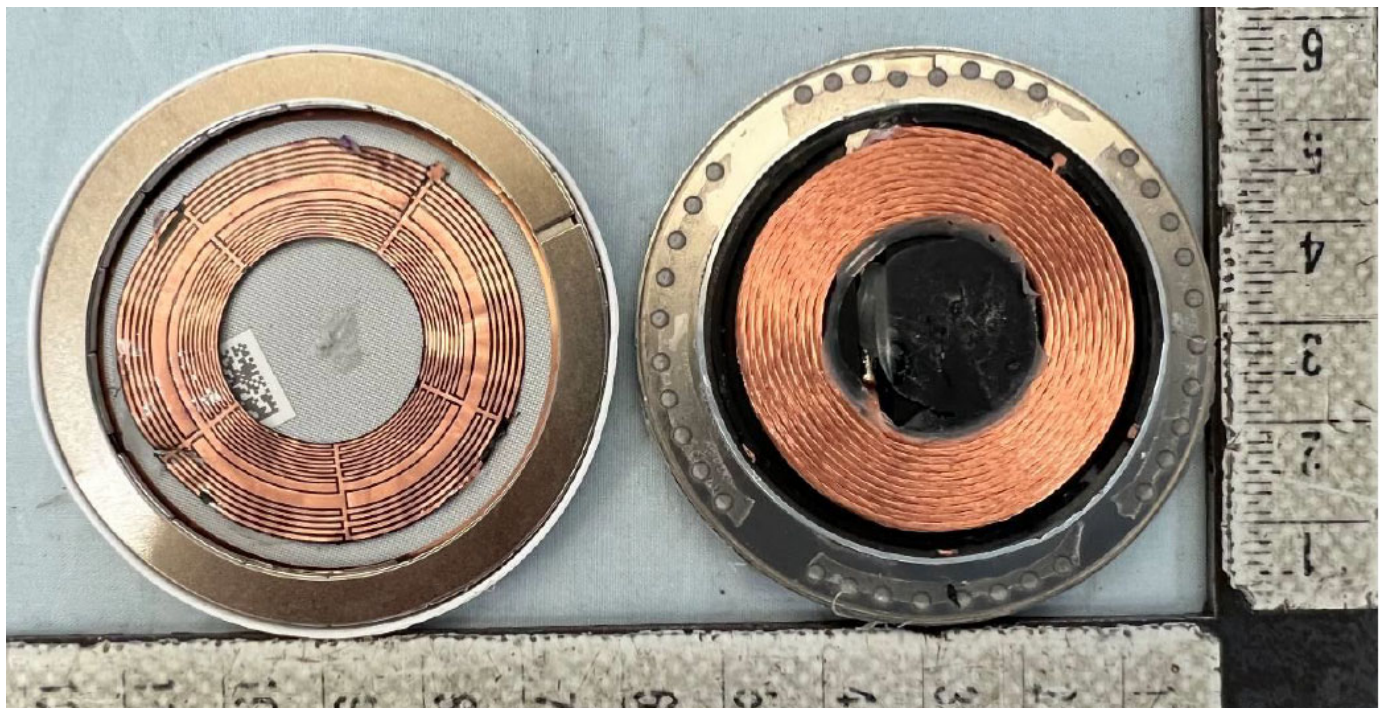


C222x Coil Specification

The Apple MagSafe charger uses a coil surrounded by a ring of magnets inside a sealed enclosure.

- The coil area is 1213mm²
- Number of turns: 10.6
- Frequencies: 127.7kHz (1W and 7.5W) & 360kHz (15W)
- Power Rating: 15W (Max)
- Manufacturer: Apple
- Model: C222x
- Number of turns: 10.6
- Antenna pattern: Radial pattern perpendicular to the coil
- Coil Area: 1213 mm²
- Length of any antenna loop element (or diameter of the circular antenna): 39.3mm
- Quarter wavelength for 127.7kHz is 587.3 meters
- Quarter wavelength for 360KkHz is 208.3 meters
- Connection type to transmitter: Soldered directly to drive circuit on PCBA.



AirPods Coil information:

- Manufacturer: FINE ELECTRONICS INDUSTRIAL (HK) LIMITED
- Model: A11a
- Temperature: 25 C
- Wire Gauge: 40AWG (0.08*105P)
- Number of turns: 10
- Frequency Range: 111-148kHz
- Power rating: 5W
- Peak gain: N/A
- Antenna pattern: Radial pattern perpendicular to the coil above the ferrite base
- Coil Area: 1520 mm²
- Length of any antenna loop element (or diameter of the circular antenna): 44mm
- Quarter wavelength for each frequency: 506-682m
- Connection type to transmitter: Soldered directly to drive circuit on PCBA.

