

# Resonant inductive coupling

**Resonant inductive coupling** or magnetic phase synchronous coupling is a phenomenon with inductive coupling where the [coupling](#) becomes stronger when the "secondary" (load-bearing) side of the loosely coupled [coil](#) resonates. A [resonant transformer](#) of this type is often used in analog circuitry as a [bandpass filter](#).

**Resonant inductive coupling** is also used in [wireless power systems](#) for portable computers, phones, and vehicles. [wikipedia](#)

See Also

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[Resonance](#)

[resonant transformer](#)

[Sympathetic Resonance](#)