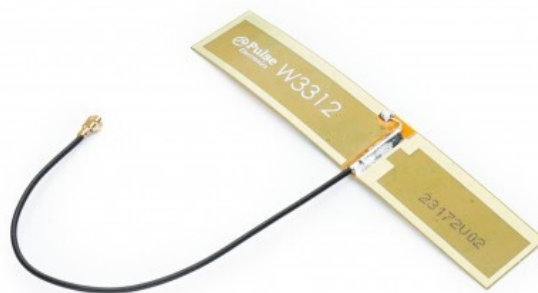


ISM 868/915MHz Active PCB Antenna



PID: MIKROE-5708

ISM 868/915MHz Active FPC Antenna ([W3312B0100](#)) is a small but powerful flat patch multiband antenna designed for use in 868MHz and 915MHz frequency bands for low-power ISM and remote control applications, M2M and IoT, metering, industry automation, and many more. Measuring just 75x15mm, this antenna is incredibly efficient and has a nominal impedance of 50Ω. Besides the 2W power rating, this antenna also has a U.FL connector type and a 100mm length of OD coax cable for easy integration. With its flexible PCB thickness of 0.1 mm and adhesive tape on the backside, the ISM 868/915MHz Active FPC Antenna offers convenient and secure mounting options.

NOTE: This antenna has proven highly effective when combined with some of our Sub-1GHz boards, such as the ccRF 2 Click board™. This pairing can yield exceptional results in terms of accuracy and signal strength. For more details about this Click board™, please refer to the product page for the [ccRF 2 Click](#).

Downloads

[W3312B0100 datasheet](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
ISO 14001: 2015 certification of environmental management system.
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).