

# Internal Quad Band Active PWB Antenna



PID: MIKROE-5709

**Internal Quad Band Active PWB Antenna** ([W3501](#)) is a small but powerful flat patch multiband antenna designed for GSM 850/GSM 900/DCS/PCS frequency range for satellite tracking, ISM, and wireless applications. Measuring just 25x87mm with its flexible PCB thickness of 0.2mm, this antenna is incredibly efficient and has a nominal impedance of 50Ω. Besides a U.FL connector type, with a 56mm cable length for easy integration, and the possibility of mounting with adhesive tape on the backside (not included in the antenna), this antenna offers convenient and secure mounting options.

## Downloads

[W3501 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).