

LTE Active FPC Antenna



PID: MIKROE-5710

LTE Active FPC Antenna (W3907B0100) is a reliable and durable flat patch antenna for wireless communication systems, particularly LTE (Long-Term Evolution) networks. It is designed to transmit and receive LTE signals effectively, ensuring reliable and high-quality wireless connectivity. With a compact size of 110.7X20.4mm, frequency range of 698-3600MHz, and various gain values depending on a used frequency range from 2.9-4.2dBi, this antenna is optimized for efficiency. It has a 50Ω nominal impedance and a 3W power rating and comes with a U.FL connector type and 100mm cable length for easy integration.

Downloads

[W3907B0100 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).