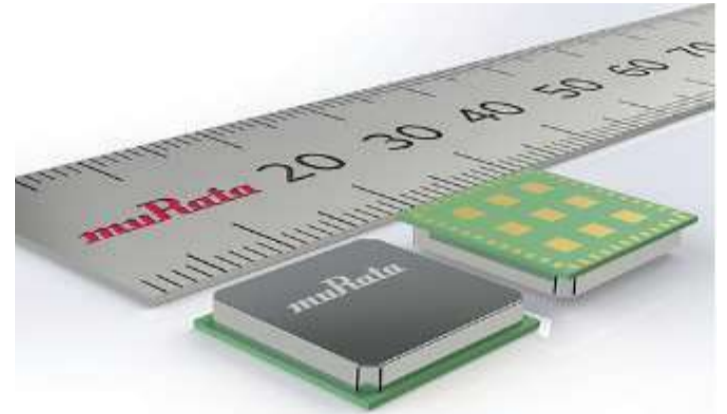


# LPWA Communication Modules

## Low Power Wide Area Communication Modules

Low Power Wide Area (LPWA) network is a wireless communication technology specialized for interconnecting devices together, focusing on power efficiency and long range.



### Key Features / Advantageous

- 1** Industry's smallest size and lightweight design
- 2** Strong partnerships (STMicro, Semtech, Altair)
- 3** Shorter time to market
- 4** Pre-certified modules – optimized for low power consumption

### Key Applications / Use Cases



Utility Metering



Smart Cities



Smart Industrial Control



Smart Agriculture

### Products & Specifications

LTE-M NB-IoT

Cellular

Murata has designed the world's smallest LTE Cat.M1/NB-IoT module. It has a global certification and supports GPS/GNSS, OpenMCU, and iSIM (option).

LoRaWAN

Non-Cellular

Murata is a member of the LoRa Alliance™ and has worked with STMicro and Semtech to design a low-cost, compact LoRaWAN™ module that supports a variety of sensors and long-range wireless protocols.

### Others

Murata Partners:



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