

## Product Brief

### Type 2BC Module

# Wireless connectivity module

## Shielded ultra-small WiFi

## 11a/b/g/n/ac+Bluetooth 5.2 module

### Features

- 2.4GHz/5GHz WiFi+Bluetooth module
- Network topology: AP and STA dual mode
- Chipset: Infineon (CYW4373)
- Processor: No
- Modulation: DSSS / CCK / OFDM
- FCC/IC "reference" certified

### High performance capabilities for IoT

- For consumer IoT, smart home, sensor network, gateway
- 802.11 a/b/g/n/ac 433Mbps
- NXP i.MX Linux and FreeRTOS

### Description

Type 2BC is a small and high performance module based on Infineon CYW4373 combo chipset which supports WiFi 802.11a/b/g/n/ac + Bluetooth 5.2 BR/EDR/LE up to 433Mbps PHY data rate on Wifi and 3Mbps PHY data rate on Bluetooth. The WLAN section supports SDIO v2.0/USB2.0 interface and the Bluetooth section supports USB2.0, high-speed 4-wire UART interface and PCM for audio data.

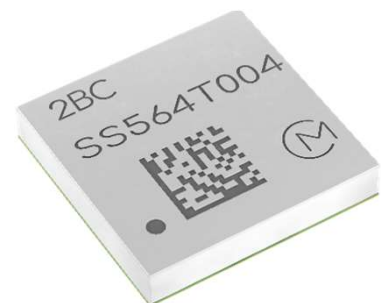
The CYW4373 implements highly sophisticated enhanced collaborative coexistence hardware mechanisms and algorithms, which ensure that WLAN and Bluetooth collaboration is optimized for maximum performance.

Type 2BC module is packaged in an impressively small shielded form factor that facilitates integration into size- and power-sensitive applications such as IoT applications, handheld wireless system, gateway and more. RF matching, antenna design and regulatory certification are already taken care of and tested.

For more details see: <https://wireless.murata.com/type-2BC.html>



Part number: LBEE5PK2BC



Actual size  
(8.0 x 7.8 x 1.15 mm)

Contents are subject to change without notice.

©Dec2021 Murata Manufacturing Co., Ltd •Type 2BC Product Brief •[www.murata.com](http://www.murata.com)

**muRata**  
INNOVATOR IN ELECTRONICS