



Shenzhen Macrotellect Technology Ltd.

Bluetooth Adapter
Datasheet Version 1.0



Device specifications

Radio specifications

Standard	Bluetooth 4.0
Frequency band	2.402 to 2.480 GHz (according Bluetooth 4.0 specifications, worldwide ISM band)
Advertising channels	BT4.0: CH37 (2.402 GHz), CH38 (2.426 GHz), CH39 (2.480 GHz) (according Bluetooth 4.0 specifications)
Channel spacing	1MHz Or 2MHz (according Bluetooth 4.0 specifications)
TX power	Conducted: +6dBm (max)

Antenna

Type	PCB Coil antenna
Gain	2dBi (Max)
Radiation diagram	Omnidirectional

Power

Power supply	USB
Voltage	5V (typ.)

Mechanical specifications

Material	ABS plastic
Color	White
Size	60 X 19 X 8 mm
Protection	IP40

Environmental specifications

Operating temperature	-20°C to +70°C
Storage temperature	-20°C to +70°C