

QUECTEL

Wireless Module Expert

M75

Dual-Band GSM Module



Dual Band



SMD Type



RoHS Compliant



Serial Port
Multiplexer (GSM0710)



Quectel Enhanced AT
Commands

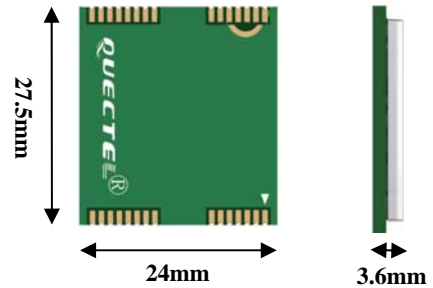
The M75 packs a very simple dual-band GSM module supporting **SMS** into a small form factor. Featuring SMD type, full shielding, extremely low power consumption, it brings the benefits of simplicity, robustness and extremely low cost to customer's application.

The M75 is an excellent choice for applications only requesting SMS or DTMF function. They can be Remote Controlling, Security, Smart Metering and etc.

- Dual-band GSM module
- Extremely tiny size 27.5mmx24mmx3.6mm
- SMD type for easy SMT production
- Support SMS service
- Don't support analog voice connection

M75

Dual-Band GSM Module



General Features

Dual-Band	900/1800 MHz
Compliant to GSM Phase 2/2+	Class 4 (2W @900 MHz) Class 1 (1W @1800 MHz)
Supply Voltage Range	3.4~4.5 V 4.0V nominal
Low Power Consumption	1.1mA @ DRX=5 0.7mA @ DRX=9
Operation Temperature	-40 °C to +80°C
Dimensions	27.5mmx24mmx3.6mm
Weight	Approx. 4.5g
Control via AT commands (GSM 07.07, 07.05 and other enhanced AT Commands)	

Specifications for SMS via GSM

Point-to-point MO and MT

SMS Cell Broadcast

Text and PDU Mode

Interfaces

External SIM 3V/ 1.8V

RTC Backup

Serial Port and Debug Port

Antenna Pad

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