

RM024-10 Compliance Section

RM024 FCC / IC Information

Agency Identification Numbers

Family	US/FCC	CANADA/IC
RM024-10	KQL-RM02410	2268C-RM02410

RM024 FAMILY

*PART #	FORM FACTOR	TX OUTPUT	ANTENNA
RM024-S125-C-XX	Surface Mount	125mW	U.FL
RM024-S125-M-XX	Surface Mount	125mW	U.FL or chip
RM024-P125-C-XX	Pluggable	125mW	U.FL
RM024-P125-M-XX	Pluggable	125mW	U.FL or chip
RM024-S10-C-XX	Surface Mount	10mW	U.FL
RM024-S10-M-XX	Surface Mount	10mW	U.FL or chip
RM024-P10-C-XX	Pluggable	10mW	U.FL
RM024-P10-M-XX	Pluggable	10mW	U.FL or chip

**Last two slots "XX" in Part # are used for custom setups. Can be values 01-99*

Antenna Information

RM024 family has been designed to operate with the antennas listed below and having a maximum gain of 9dBi. The required antenna impedance is 50 ohms.

Item	Part Number	Mfg.	Type	Gain (dBi)
1	WIC2450-A	Laird Technologies	Chip	2
2	S181-6-PX-2450S	Nearson	Dipole	2

- The OEM is free to choose another vendor's antenna of like type and equal or lesser gain as an antenna appearing in the table and still maintain compliance. *Refer ence FCC Part 15.204(c)(4) for further information on this topic.*
- To reduce potential radio interference to other users, the antenna type and gain should be chosen so that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

OEM RESPONSIBILITIES

WARNING: The OEM must ensure that FCC labeling requirements are met. This includes a clearly visible label on the outside of the OEM enclosure specifying the appropriate Laird Technology FCC identifier for this product as well as the FCC notice below.

Contains FCC ID: KQL-RM02410

IC: 2268C-RM02410

The enclosed device complies with Part 15 of the FCC Rules and Industry Canada License Exempt RSS Standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation

Label and text information should be in a size of type large enough to be readily legible, consistent with the dimensions of the equipment and the label. However, the type size for the text is not required to be larger than eight point.

CAUTION: The OEM should have their device which incorporates the RM024 tested by a qualified test house to verify compliance with FCC Part 15 Subpart B limits for unintentional radiators.

WARNING: This device has been tested with an U.FL connector and the antennas listed in the table above. When integrated into the OEM's product, these fixed antennas require professional installation preventing end-users from replacing them with non-approved antennas. Any antenna not listed in the above table must be evaluated for compliance with FCC Part 15.203 for unique antenna connectors. Contact Laird Technology for assistance.

CAUTION: Any changes or modifications not expressly approved by Laird Technology could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment to an outlet on a circuit that is different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION:

“THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES AND INDUSTRY CANADA LICENSE-EXEMPT RSS STANDARD(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.”

Industry Canada (IC) Caution:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

French equivalent is:

Le présent appareil est conforme aux CNR d'Industrie Canada applicable aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.