

RFC1000-IP69K

Wireless RF Receiver and Repeater



For environments that require high pressure, high temperature wash down, MadgeTech has designed the RFC1000-IP69K. This splash-proof transceiver can be installed directly in the wash down location, ensuring 100% communication throughout the entire process. MadgeTech has gone through extensive testing to ensure that the RFC1000-IP69K can withstand wash down cycles using caustic chemicals, making it ideal for harsh environments. This model includes a high powered transceiver with an IP69K ingress protection rating. The RFC1000-IP69K has a substantial transmit range, providing better performance in occluded environments such as ovens and refrigerators. The RFC1000-IP69K also includes an external antenna which is protected by a neoprene boot, allowing more flexibility with mounting positions in both orientation and proximity to metal walls.

The RFC1000-IP69K is designed to communicate between MadgeTech's two-way wireless data loggers and the MadgeTech software and can connect to a maximum of 64 data loggers. Through the use of the software and the RFC1000-IP69Ks, remote data loggers can be started, stopped and downloaded wirelessly. This time saving feature streamlines processes for maximum efficiency.

Features

- Functions as Both a Repeater and a Receiver
- Green and Red LED Indicators
- Compatible with MadgeTech's RFOT and 2000A Series Data Loggers

Specifications

Specifications are subject to change without notice. Specific warranty remedy limitations apply. Call **(603) 456-2011** or go to **madgetech.com**

Applications

- General Wireless Data Logging
- Meat Cooking and Cooling
- Meat Storage
- Smoke Houses
- Food Processing
- Medical Storage
- Laboratory Monitoring
- Blood Banks
- Hospitals
- Warehouses

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| Materials | Enclosure Body: Acetal Plastic Cover: 300 Series Stainless Steel Antenna Boot: Neoprene |
| Compatible Data Loggers | RFOT and 2000A Series |
| Transmission Distance (to data loggers) | Unobstructed line-of-sight (outdoors): 2,000 ft max. Typical urban environment (indoors): 500 ft max. |
| Transmission Distance (to other RFC1000-IP69K's) | Unobstructed line-of-sight (outdoors): 2,500 ft max. Typical urban environment (indoors): 700 ft max. |
| Frequency | 2.405 GHz - 2.475 GHz |
| Operating Environment | Enclosure: -20 °C to 80 °C (-4 °F to +176 °F), 0 %RH to 100 %RH non-condensing Power Supply: 0 °C to 45 °C (32 °F to +113 °F), 0 %RH to 100 %RH non-condensing |
| Dimensions | Enclosure: 3.4 in x 2.9 in x 1.3 in With antenna, normal to case: 3.4 in x 2.9 in x 8.8 in With antenna, laid down: 9.2 in x 2.9 in x 2.6 in |
| Weight | 14.1 oz (400 g) |
| Approvals | US (FCC), CA (IC) |

Ordering Information

For Quantity Discounts call **(603) 456-2011** or email **sales@madgetech.com**

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| RFC1000-IP69K | PN 901389-00 | Splash proof, IP69K rated wireless RF transceiver/repeater. USB to mini USB adapter and power supply included. |
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