



**ANT-302 Supervised Life Safety
Ceiling Antenna**

Features

- Wide Bandwidth UHF 380-570 MHz
- Aesthetically pleasing:
 - 1.5mm (0.060 inch) thickness to ceiling.
- VSWR < 2:1
- Optimized to low frequency in-building environments.
- In Building Repeater Systems
- Fire critical communication enhancement
- Low-profile ceiling mounting
- Enhanced for In-building:
 - Modest Gain
 - Multi-Floor coverage
 - Avoid nulls of traditional dipoles

Application

The Firecom ANT-302 Supervised Life Safety Ceiling Antenna consists of an antenna with an integral Firecom supervision module. This module provides for supervision of the ARCS ceiling mounted antenna. Combined with the Firecom system supervisory motherboard installed the RPT-1 Repeater Cabinet, the Firecom ARCS 2000 Auxiliary Radio Communication System can provide individual antenna status for the entire system including the coax cable.

The Firecom supervision module, when used with wall or ceiling antennas, provides each antenna a unique address which allows identification of an antenna disconnection. When one or more antennas becomes disconnected from the coax cable, each antenna will be recognized as missing and annunciated on the LCD display of the OC-1 Operators Console. This reporting will occur whether the system is active or in standby (off) mode.

For visual field verification, the ANT-302 contains a multi-color LED which flashes every 8-10 seconds on the device, validating connection to the RPT-1 Repeater Cabinet. The supervision module is designed to be integral to the antenna.

Specifications

Frequency Range	380-570 MHz
Power Withstand	6 watts
Impedance	50 ohms
Termination	N-Female

Ordering Information

Model No.	Part No.	Description
ANT-302	79049	Supervised Life Safety Ceiling Antenna

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.