



## Anaren Integrated Radio 66089 U.FL Antenna Series



**66089-xxxx**

The 66089 series antennas are designed for quick connection to Anaren Integrated Radio modules, and have been certified to meet “intentional radiator” requirements for low power non-licensed devices (FCC, IC, and ETSI). The 66089 series antennas are intended for applications where an embedded antenna Module is not practical—such a Radio Module mounted inside a shielded enclosure.

### Specifications

#### PERFORMANCE CHARACTERISTICS:

<u>Impedance:</u>	50 ohms
<u>Frequency Range:</u>	See table
<u>Gain:</u>	3 dBI
<u>VSWR:</u>	1.7 max
<u>Radiation:</u>	Omni directional

Module	Band ID	Antenna Element	Frequency Range	FCC (IC)	ETSI
A1101R04C	04	173±1 mm	400-450 MHz	X	X
A1101R08C	08	86±1 mm	863-870 MHz		X
A1101R09C	09	82±1 mm	902-928 MHz	X	
A2500R24C	24	30±1 mm	2.400-2.4835 GHz	X	X

*This product shall not be used in any of the following products or systems without prior express written permission from Anaren Microwave, Inc:*

- (i) implantable cardiac rhythm management systems, including without limitation pacemakers, defibrillators and cardiac resynchronization devices;
- (ii) external cardiac rhythm management systems that communicate directly with one or more implantable medical devices; or
- (iii) other devices used to monitor or treat cardiac function, including without limitation pressure sensors, biochemical sensors and neurostimulators.



### Nomenclature

# 66089-XX06

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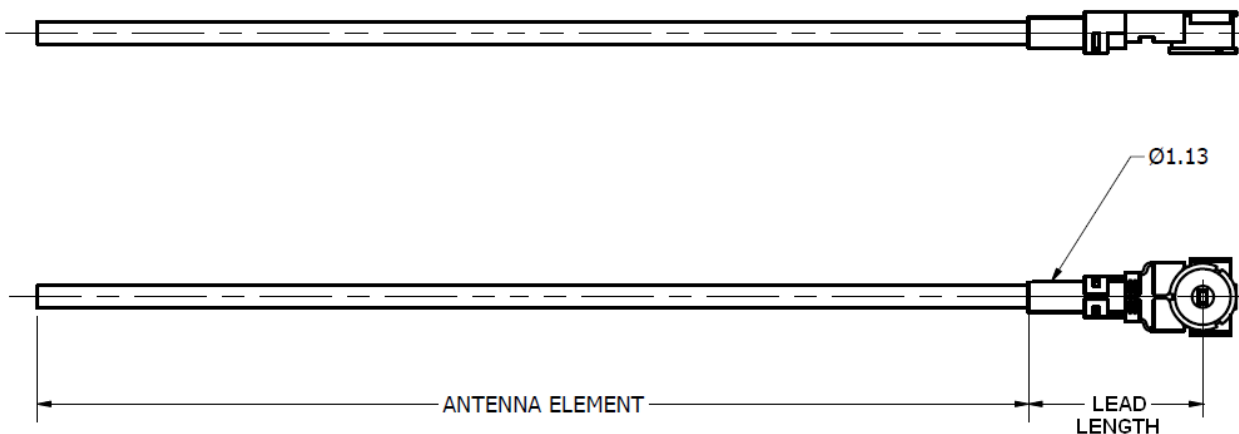
- 1 Frequency x100 MHz  
See “Band ID” in table
- 2 Lead Length 6mm standard. (Longer lengths may require RF grommet.)

To view the entire available family of AIR Modules & Development options, please visit our website at:

<http://www.anaren.com>



### Layout



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Anaren, Inc. / 6635 Kirkville Road / East Syracuse, NY 13057  
800.411.6596 / <http://www.anaren.com> / [air@anaren.com](mailto:air@anaren.com)