

**66089-xxxx**

## Anaren Integrated Radio 66089 U.FL Antenna Series

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**

1      2

1 Frequency

x100 MHz

2 Lead Length

See “Band ID” in table

6mm standard. (Longer lengths may require RF grommet.)

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

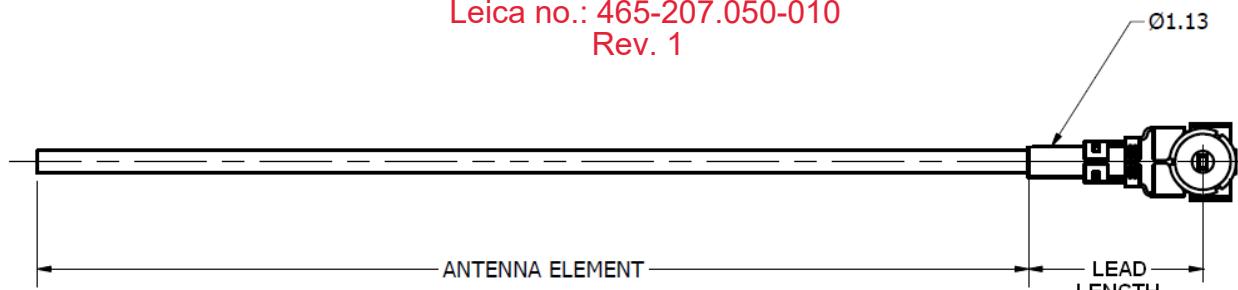
<http://www.anaren.com>



### Layout



Leica no.: 465-207.050-010  
Rev. 1



TI Developer  
Network  
Low Power RF

 **TEXAS  
INSTRUMENTS**  
MCU  
Developer Network

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