



# Anaren Integrated Radio (AIR)

Low-power RF modules, firmware & development tools that make it easy to 'go wireless'



66089-xxxx

## 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:

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

Module	Band ID	Antenna Element	Center Frequency	FCC (IC)	ETSI
A1101R04C	04	173±1 mm	425 MHz		X
A1101R08C	08	86±1 mm	866 MHz		X
A1101R09C	09	82±1 mm	915 MHz	X	
A25xxE24C A25xxR24C A20737C	24	30±1 mm	2.442 GHz	X	X
A110LR09C	89	84±1 mm	898 MHz	X	X



*This product is not to be used in any implantable medical device or external medical device intended to regulate or monitor biological functions, including but not limited to devices such as pacemakers, defibrillators, cardiac resynchronization devices, pressure sensors, biochemical stimulators and neurostimulators. ANAREN MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY OF THIS PRODUCT FOR ANY USE OF THIS TYPE. Anaren shall not be responsible for any consequential damages arising from the sale or use of this product for any use of this type. The ultimate user of the product assumes all risk of personal injury or death arising from a prohibited use.*

### Nomenclature

## 66089-XX06



- 1 Band See "Band ID" in table
- 2 Lead Length 06 = 6mm 'standard'  
30 = 30mm 'extended'

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

<http://www.anaren.com/air>



### Layout

