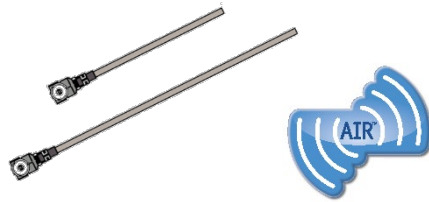


**U.FL Antenna Series for AIR Radio Modules**



**Description:**

The 66089 series antennas are designed for quick connection to RF modules featuring a U.FL connector, 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.

**Performance Characteristics:**

Item	Description
Impedance	50 ohms
Frequency Range	See Specifications table
Gain	3 dBi
VSWR	1.7 max
Radiation Pattern	Omnidirectional

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

<https://www.ttm.com>



**Nomenclature:**

**66089-XXXX**

1     2

Item	Description
① Band	See “Band ID” column in Specifications table
② Lead Length	06 = 6mm, 20 = 20mm 30 = 30mm

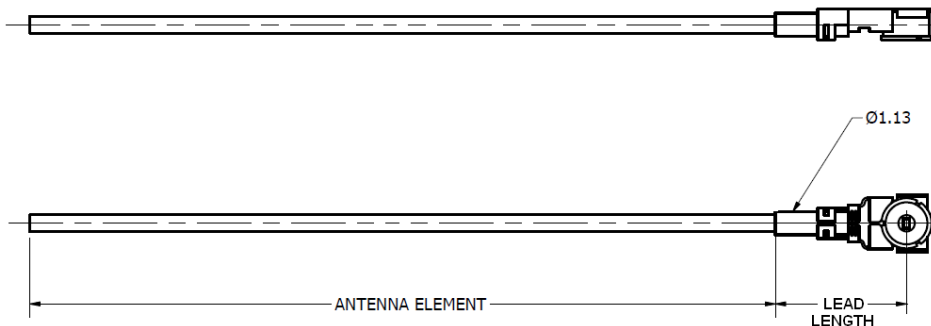


This product is not to be used in any implantable medical device or external medical device intended to regulate or monitor biological functions, including but not limited to devices such as pacemakers, defibrillators, cardiac resynchronization devices, pressure sensors, biochemical stimulators and neurostimulators. TTM MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY OF THIS PRODUCT FOR ANY USE OF THIS TYPE. TTM 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.

**Specifications:**

Fits Module	Band ID	Antenna Element Length	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	
A2500R24C	24	30±1 mm	2.442 GHz	X	X
A110LR09C	89	84±1 mm	898 MHz	X	X

**Layout:**



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