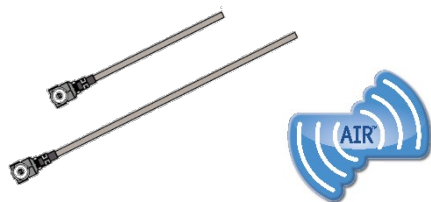


## U.FL Antenna Series for AIR Radio Modules



### 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

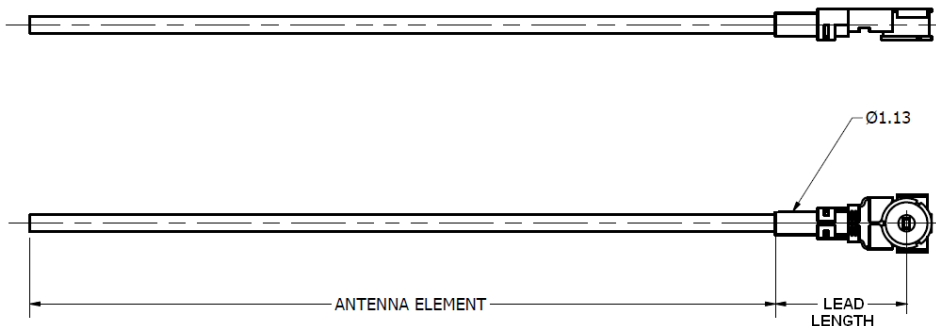


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### Specifications:

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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