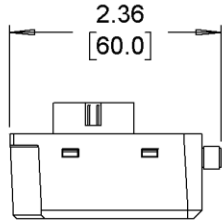# Wi-Fi Expansion Module with Antenna CE RoHS COMPLIANT

- Adds Wireless Networking Connectivity to your HMI*

- Supports IEEE 802.11b/g/n Wi-Fi Standards

- 6' Magnetic-Mounted Antenna allows for Optimal Cabinet Placement

- Low-Profile, Simple Installation on rear of HMI
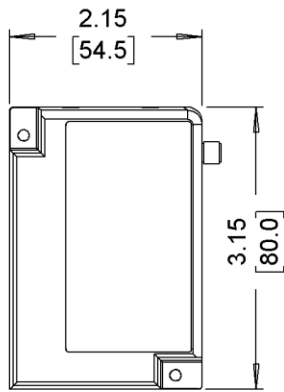
- No External Power Needed; Powered via the HMI Unit

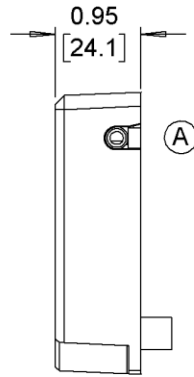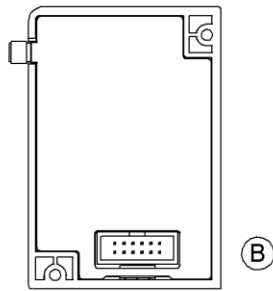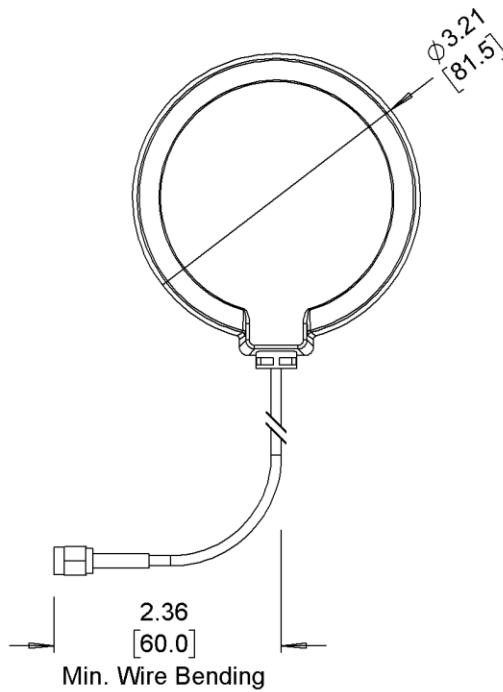|		
Network	**Wi-Fi Standards Supported**	IEEE 802.11b IEEE 802.11g IEEE 802.11n
	Frequency Band	2.4GHz
Antenna	**Gain (typ.)**	2.94 dBi
	Cable Length	Approx. 6.6' (2 Meters)
I/O Ports	**SMA Connector (Antenna Socket)**	1
	HMI Connector	1
Electrical	**Input Voltage (Provided by HMI Connection)**	5VDC
	Input Current (Provided by HMI Connection)	900 mA @ 5VDC
	Input Power	4.5 W
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
Mechanical	**Enclosure**	Plastic, charcoal grey
	PCB Coating	N/A
	Dimensions (W x H x D)	2.15 x 3.15 x 0.95 inches [54.5 x 80 x 24.1 mm]
	Net Weight	Approx. 0.18 lbs. [80 g]
	Mounting	M02 Module: HMI Connector, secured with 2 qty M3x8mm Philips-head screws Antenna: Magnetic Mount (standard) or double-sided Foam Tape
Environmental	**Operating Temperature**	32° ~ 122°F [0° ~ 50°C]
	Storage Temperature	-4° ~ 140°F [-20° ~ 60°C]
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)
	Rating	M02 module: IP20 Compliant Antenna: IP66 Compliant
	Certifications	CE Marked
Software	EBPro v6.05.02 or later	
Notes	* M02 Wi-Fi Expansion Module compatible with cMT2108X2 and cMT3102X HMI. (HMI sold separately – see website Product Page or contact Maple Systems for information) Specifications subject to change without notice	

2.36
[60.0]

Top View

Dimensions are in inches [mm]

2.15
[54.5]

3.15
[80.0]

Front View

0.95
[24.1]

(A)

Side View

Rear View

(B)

Ø3.21
[81.5]

2.36
[60.0]

Min. Wire Bending

0.63
[16.0]

78.74
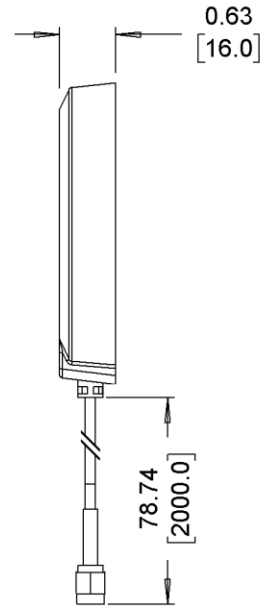[2000.0]

A   SMA Connector (for Antenna)
B   HMI Connector