

# ANT-WDB-0-2

***Dual-band omni-directional 2.4 and 5 GHz indoor rubber duck antenna***

- > Small size for compact fit
- > Lightweight for portable deployment
- > Tilt and swivel design
- > Flexible installation
- > SMA connector (male) supported

## : Specifications

### Antenna Characteristics

**Frequency:** 2.4 to 2.5 and 4.9 to 5.9GHz

**Antenna Type:** Omni-directional

**Typical Antenna Gain:** 2 dBi at 2.4 GHz, 2 dBi at 5 GHz

**Connector:** RP-SMA (male)

**Impedance:** 50 ohms

**Polarization:** Linear, vertical

**HPBW/horizontal:** 360°

**HPBW/vertical:** 80°

**V.S.W.R.:** 2.0 max

**Power Handling:** 2W

### Physical Characteristics

**Weight:** 9 g

**Dimensions:** Length=102 mm

**Radome Color:** Black

**Radome Material:** Plastic

**Installation:** Straight mount

### Environmental Limits

**Operating Temperature:** -30 to 75°F (-22 to 167°F)

**Storage Temperature:** -30 to 75°C (-22 to 167°F)

**Ambient Relative Humidity:** 5 to 95% (30°C, non-condensing)

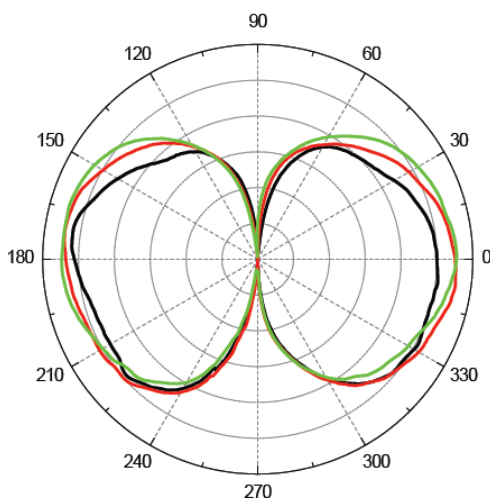
### Warranty

**Warranty Period:** 1 year

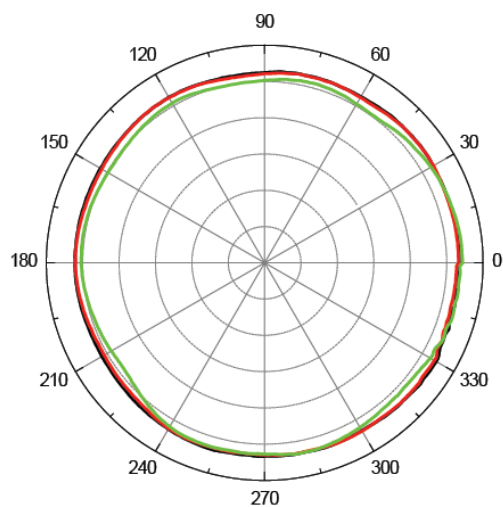
**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

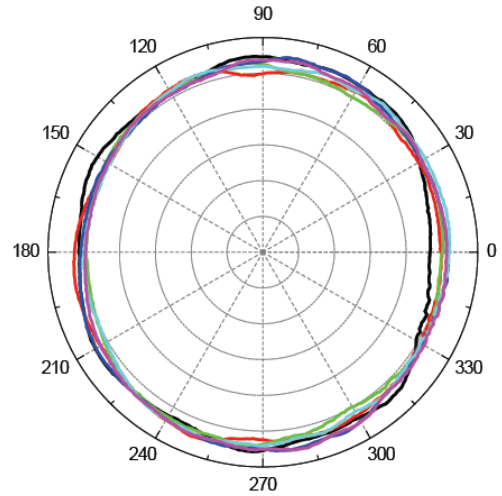
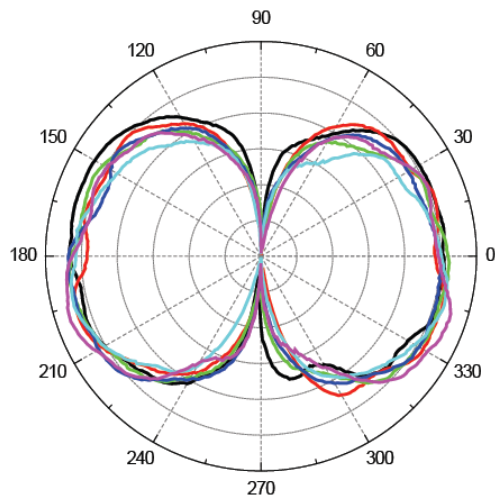
## : Field Patterns

**E-plane**



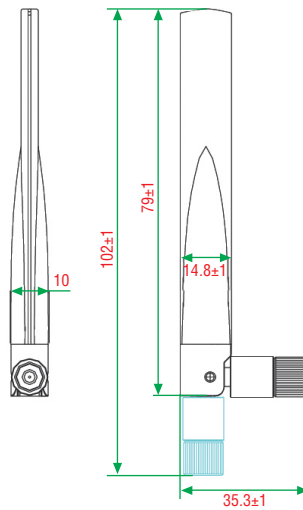
**H-plane**





## Dimensions

Unit: mm (inch)



## : Ordering Information

### Available Models

**ANT-WDB-O-2:** 2.4/5 GHz, dual band omni-directional antenna, 2 dBi, R-SMA (male), flat

### Can be used with the following products

AWK-3121, AWK-3121-SSC, AWK-3131, AWK-5222, AWK-1121, AWK-1127, NPort W2150/2250 Plus, NPort W2004