

4007

2 dBi GAIN
2.4GHz BAND 1/2 WAVE DIPOLE ANTENNA

FEATURES

- **Indoor Mounting**
- **Mount Directly on Product or on Electrical Housing With Optional Cable**
- **Lightweight**
- **Range to 1600ft**

DESCRIPTION

Vertical omnidirectional antennas radiate in a pattern similar to a horizontal doughnut. Their gain is less than that of a yagi antenna which concentrates radiation in a single direction. This reduced gain limits the effective range of the omnidirectional antenna, but proves effective when directivity is not desired.

Omnidirectional antennas are useful in short range applications where their use eliminates the need for antenna alignment. Omnidirectional antennas are also useful on the control end of a polling system.

When an omnidirectional antenna is used on the control end of a polling system, a yagi can be used on each slave unit for maximum gain and reduction in possible interference due to the front to back ratio gain reduction of the yagi antenna.

The 4007 antenna swivels 90° at the base to allow the antenna to remain vertical with the base mounted either vertically or horizontally.

Designed for indoor mounting, this 5.4" whip offers flexibility in mounting and dependable performance for short range systems.

SPECIFICATIONS

ELECTRICAL

GAIN
2.1dBi

FREQUENCY
2.4-2.5GHz

VSWR
<2:1

IMPEDANCE
50 ohms

CONNECTOR
Reverse Polarity SMA Male Brass With Nickle and Gold Plating

MECHANICAL

RADIATOR
Spring Wire

WHIP
Polyurethene (Black)

SWIVEL MECHANISM
Polycarbonate (Black)

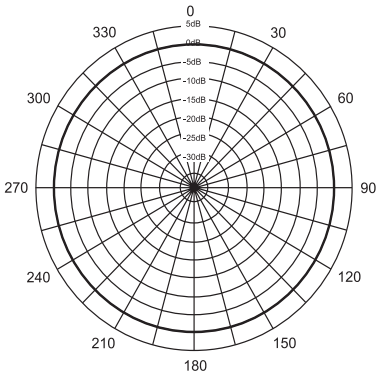
DIAMETER
0.5"

LENGTH
5.4"

WEIGHT
0.6 Ounces

MOUNTING
Direct Connect to Product or Remote Mount With Optional Extension Cable

VERTICAL PATTERN



HORIZONTAL PATTERN IS CIRCULAR

ORDERING INFORMATION

4007	2.4GHz Band, 2dBi Gain, 1/2 Wave Diploe Antenna	QTY _____

ACCESSORIES

For more accessories, see the ACCESSORIES section of this catalog (Page 51).

CABLES

RP = Reverse Polarity

CBH2	2 Ft WBC195 Cable w/ RP-SMA Male & RP-SMA Female Bulkhead Connector		QTY _____
CBH6	6 Ft WBC195 Cable w/ RP-SMA Male & RP-SMA Female Bulkhead Connector		QTY _____
CBH10	10 Ft WBC195 Cable w/ RP-SMA Male & RP-SMA Female Bulkhead Connector		QTY _____
CBH-X	Custom length WBC195 Cable w/ RP-SMA Male & RP-SMA Female Bulkhead Connector		
	Specify length from 12 inches to 120 Inches	Length _____ Inches	QTY _____

For more cables, see the ACCESSORIES section of this catalog (Page 52).