



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

Polyurethane (Black)

SWIVEL MECHANISM

Polycarbonate (Black)

DIAMETER

0.5"

LENGTH

5.4"

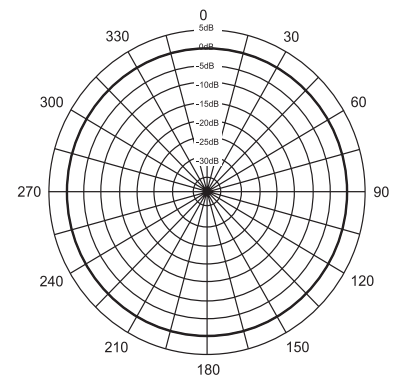
WEIGHT

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 Dipole 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 | QTY _____ |
| | Specify length from 12 inches to 120 Inches Length _____ Inches | QTY _____ |

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