

Omnidirectional Antenna

Portable Antenna



Applications

- Digital Electronic News Gathering and Outside Broadcast

Features

- Choice of Bands:
 - ◆ 1.7 to 1.99 GHz
 - ◆ 1.99 to 2.1 GHz
 - ◆ 2.1 to 2.3 GHz
 - ◆ 2.3 to 2.5 GHz
 - ◆ 6.4 to 7.1 GHz
- Choice of Gains:
 - ◆ 2 dBi
 - ◆ 5 dBi
- Low profile 2 dBi/2 GHz broadband model covers 1.99 to 2.5 GHz
- Ideal for mobile and low-profile COFDM transmit applications

Overview

The Omnidirectional Antennas are designed for both ground-based and airborne applications, including mobile COFDM operations with the new CodeRunner.2 transmitter.

These vertically polarized antennas are available in several configurations. A broadband model covers the 1.99 to 2.5 GHz band with 2 dBi gain. Two broadband models are offered in the 6.4 to 7.1 GHz band, with either 2 dBi or 5 dBi gain.

In addition, MRC offers a selection of 2 dBi and 5 dBi antennas in various 2 GHz bands: 1.7 to 1.99, 1.99 to 2.1, 2.1 to 2.3, and 2.3 to 2.5 GHz.

The 2 dBi gain models offer an elevation beamwidth of 60°, while the 5 dBi models provide 30°.

SPECIFICATIONS

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Polarization: Vertical
 Azimuth Beamwidth: 360°
 Elevation Beamwidth, 2 dBi Models: 60° nominal
 5 dBi Models: 30° nominal
 RF Connector: "N" Female
 VSWR: 2.0:1 max

CONFIGURATIONS

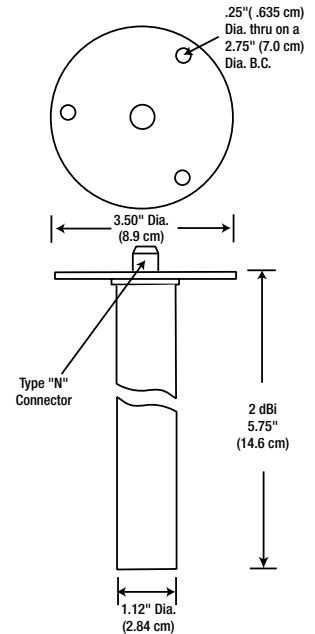
TYPE "N" CONNECTOR

2 dBi, vertical, 1.7 to 1.9 GHz
 2 dBi, vertical, 1.9 to 2.1 GHz
 2 dBi, vertical, 2.1 to 2.3 GHz
 2 dBi, vertical, 2.3 to 2.5 GHz
 5 dBi, vertical, 1.7 to 1.9 GHz
 5 dBi, vertical, 1.9 to 2.1 GHz
 5 dBi, vertical, 2.1 to 2.3 GHz
 5 dBi, vertical, 2.3 to 2.5 GHz
 2 dBi, vertical, 6.4 to 7.1 GHz
 5 dBi, vertical, 6.4 to 7.1 GHz
 2 dBi, vertical, 12.7 to 13.25 GHz
 5 dBi, vertical, 12.7 to 13.25 GHz
 2 dBi, vertical, 14.4 to 15.4 GHz
 5 dBi, vertical, 14.4 to 15.4 GHz

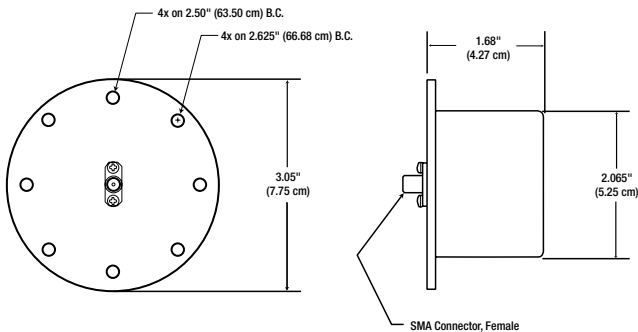
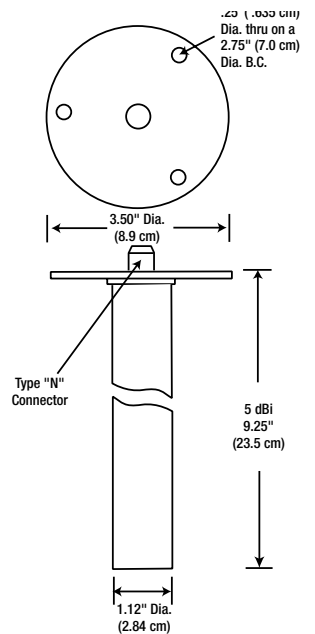
SMA CONNECTOR, LOW PROFILE

2 dBi, vertical, 1.99 to 2.5 GHz
 2 dBi, vertical, 6.4 to 7.1 GHz

Omnidirectional Antenna Dimensions 2 dBi Models



Omnidirectional Antenna Dimensions 5 dBi Models



Omnidirectional Antenna Low profile



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